



## BASIC CHRISTIAN EDUCATION & BCE ACADEMY

"The heavens declare the glory  
of God, and the firmament  
showeth His handiwork."

*Psalm 19:1*



# Christian Homeschool

## Curriculum & Program Catalog

Homeschool resources, custom-designed  
to take each child to the next level.



## Successfully start a thriving homeschool with the best resources and support you need, and watch your child succeed in life.

### Fellow Parents,

You're taking the right steps towards building a Christian homeschool environment that brings out the best in your children—and you!

Whether you've been homeschooling for a while or you're just getting started, the following pages contain the best resources available to **help you help your child** meet and exceed your dreams for their Christian education and character.

You play the most vital role in the success of your child's education. If you're not enjoying the homeschooling process—learning and making your own discoveries along the way—your child will notice and their performance will suffer.

We know parenting, let alone homeschooling, can be overwhelming. How does our program replace stress with confidence, structure, and peace of mind?

BCE Academy provides all the services and support you need to feel comfortable in your home education experience:

- Complete package of workbooks, score keys, and forms
- No lesson plans or tests to develop – it's all built in!
- Simple record-keeping with provided forms you return to us for development of a permanent record, report cards and transcript
- Accredited diploma for students who meet high school graduation requirements
- User-friendly for students, homeschool parents, and multigrade settings.



Nothing gives us more joy than watching children grow up to be the strong Christian leaders this world needs. It is our privilege to help you train up your child in the way that they should go: doing all for the glory of God.

## What is BCE Academy?

The BCE Academy is an accredited, diploma-granting homeschool program for students in grades 1-12. Through diagnostic testing, we customize your child's curriculum to meet their specific learning needs. Students may enroll at any time during the year, so learning is always on your family's schedule.

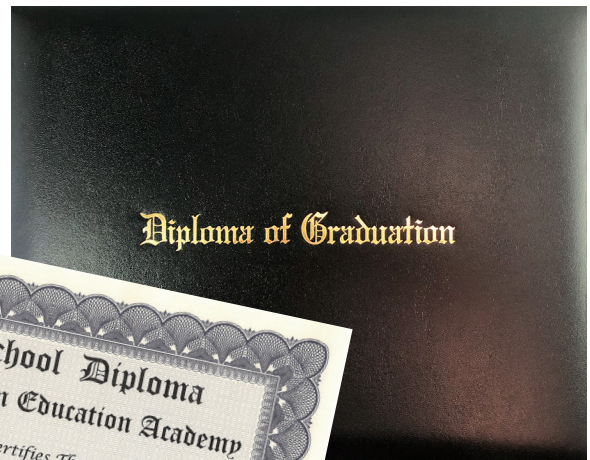
We are committed to helping you develop your children's God-given potential both spiritually and academically. A quality education in which Jesus Christ is central will influence the whole course of a student's life.

### The Academy includes:

- Diagnostic Testing and Placement
- Academic Materials
- Projected Course of Study
- Report Cards
- Transcripts
- Accredited Diplomas
- Enrollment Verification
- Personal Assistance and Advice
- Forms

### Curriculum

We offer a complete learning system designed to teach the student not only solid academics but life skills, Christian character, and a Christian worldview. Our curriculum covers all the academic areas expected in a quality education while also teaching daily and long-term goal setting.



# PACE

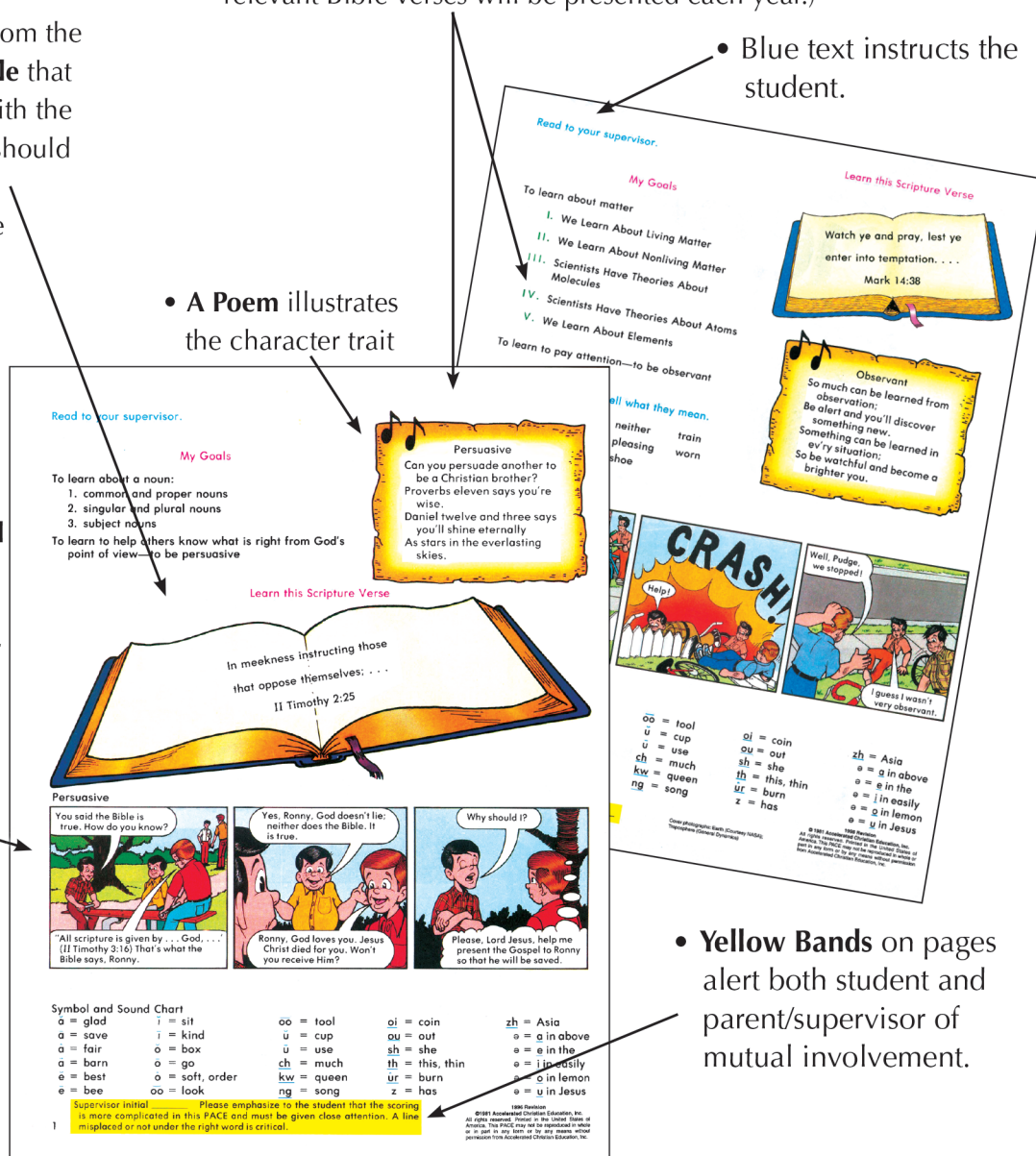
Most of our program's curriculum is based on Accelerated Christian Education's proven PACE model.

A PACE is a self-contained instructional workbook containing information, instructional content, and activities to allow a student to master the subject matter.

A year's worth of work in each subject has been divided into 12 workbooks per subject called PACEs. Each 9-week quarter of a year is broken into 3 PACEs per subject, and each PACE has 3 sections. Each PACE has all the student's work for a recommended three weeks in that subject including tests.

The general format of a PACE begins with an introductory page of Goals that includes:

- **A Biblical Character Trait** (60 biblical character traits and relevant Bible verses will be presented each year.)
- **A Bible Verse** from the **King James Bible** that is associated with the character trait should be memorized while doing the PACE.
- **A Poem** illustrates the character trait
- **Blue text** instructs the student.
- The beginning of an **Illustrated Story** relates to the biblically based character trait. At each grade level, age relevant character-building situations are presented in the illustrated stories throughout the PACE.
- **Yellow Bands** on pages alert both student and parent/supervisor of mutual involvement.



# Getting Started on the Basic Christian Education Program

Ready to get your student started? So are we!

Students come from a variety of educational backgrounds and learn and retain information differently. Help us get to know them by arranging for diagnostic testing to see where they best fit into the curriculum. By testing your child before they enter a new academic program, you will greatly encourage them and increase their opportunities for success!

## DIAGNOSTIC TESTING

Whether participating in our Full Service Program—known as BCE Academy—or purchasing curriculum individually, your student will be placed according to their ability. Our testing materials, which are designed expressly for our curriculum, so you can be sure your child receives an accurate placement that maximizes their learning, motivation, and enjoyment.

Testing will look at math, English, reading comprehension, spelling, and other abilities and learning skills. You can easily conduct testing and scoring at home. We are able to assist you by phone if needed.

It is important that all students be tested when starting a new teaching method. If you plan to enroll in BCE Academy or purchase PACEs individually, testing ensures the best success. Once the in-home testing is completed (usually in a one week time frame), all of the materials should be returned to BCE. Upon receiving your child's testing materials, we will contact you, discuss the results, and together with you

develop an academic plan. Once a plan is determined, curriculum can be ordered, and your student's journey will begin!



# *Your Success is Our Goal*

The following divisions of this catalog detail specific subjects, learning levels, and electives which we offer. This is often referred to as a **scope and sequence**. The product codes and pricing are included.

## **Materials should be selected according to Diagnostic Testing rather than by age or grade level.**

It is not unusual for students to have abilities in various subjects that span multiple grade levels. Differences in teaching methods, curriculum content, and learning styles almost guarantee students to have varying levels of achievement.

Through subject-by-subject curriculum selection (based on Diagnostic Testing), students can begin where they are able to have success. Students go from the known (what they have learned and are confident in) to the unknown (the information or skill they are learning or approaching anew).

Diagnostic Testing gives the parent/supervisor a clear picture of where to begin the student in each subject. It will identify "learning gaps" (areas where a concept is weak or wasn't learned) which can then be remediated without unnecessary review. The student is free to move forward with unhindered progress.

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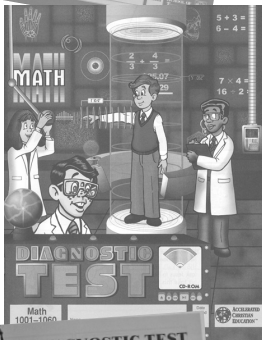
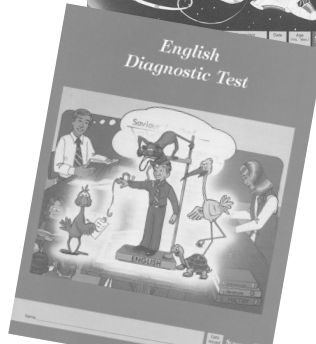
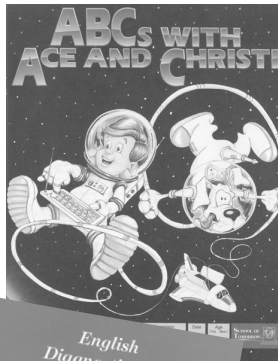
– Prices subject to change without notice –

## TESTING MATERIALS

### *ABC's Reading Readiness Test*

The **ABC's Reading Readiness Test** is administered to students who have never been in school or do not know how to read. Children ages five to eight who score at least 80% on the test are generally ready to learn to read. These students can begin with the **ABC's with ACE and Christi Learning-to-Read** program.

Children below the age of five and those who test below 80% on the **ABC's Reading Readiness Test** should complete the **Kindergarten with ACE and Christi** program before learning to read. This reading readiness program helps a student develop the physical and academic skills he will need for success in reading. PLEASE NOTE: **Kindergarten with ACE and Christi** may teach a child to read, but the main purpose is to prepare him for that experience.



### *Diagnostic Tests (For students who know how to read)*

Administer the Diagnostic Tests to students in grades 2-12 who are using the program for the first time to determine their proper placement in the curriculum. Students should advance through the tests until they get to the point where all the material is new to them. The parent/supervisor scores the tests, evaluates the results, and correlates skills with the scope and sequence for accurate placement in the curriculum. Proper academic diagnosis and prescription is vital to a student's success and cannot be emphasized too much.

#### **FULL SERVICE DIAGNOSTIC TESTING:**

Full service diagnostic testing is required for all BCE Academy students and is highly recommended for all students beginning to use our curriculum.

#### **FULL SERVICE DIAGNOSTIC TESTING FEE: \$50.00**

Includes:

- Math, English, Reading, and Spelling tests
- BCE's exclusive Advanced Diagnostic package
- Personal assistance during diagnosis
- Result interpretation
- Student academic plan based on results

| READING READINESS TEST |  |        |
|------------------------|--|--------|
| ABC091                 | ABC's Reading Readiness Test           | \$4.40 |
| RR10533                | Coordination Development Test (Single) | \$4.40 |
| ABC089                 | ABC Post Test                          | \$2.00 |
| DIAGNOSTIC TESTS       |  |        |
| DM1-72                 | Math Diagnostic Test (1001-1072)       | \$4.40 |
| DMK001-72              | Math Diagnostic Key (1001-1072)        | \$4.40 |
| DM073-108              | Math Diagnostic 73-108 (Algebra)       | \$4.40 |
| DMK73-108              | Math Diagnostic Key (73-108)           | \$4.40 |
| DE001-96               | English Diagnostic Test                | \$4.40 |
| DEK001-96              | English Diagnostic Key                 | \$4.40 |
| DSS001-96              | Reading Diagnostic Test/Key            | \$4.40 |

# KINDERGARTEN / PRESCHOOL

## Rod & Staff

This series provides preparation material for preschoolers and kindergartners to use at home.

- **Adventures with Books** includes recognizing the eight basic colors, identifying simple shapes, and understanding a few familiar word meanings. **K11 \$3.25**
- **Bible Stories to Read** Each story is intended to be read by the parent to the child before the corresponding picture is colored by the child. **K02 \$6.50**
- **Bible Pictures to Color** has 60 pictures to color, illustrating the 60 stories in Bible Stories to Read. A few pictures provide color-by-number practice. **K12 \$3.25**
- **Counting with Numbers** teaches the child to identify, write, and know the meanings of the numbers, 1 through 10. It teaches number sequence (after, before, and between) and simple math-related words, such as more, less, first, and last. **K13 \$3.25**
- **Do It Carefully** introduces discriminating shapes, letters, and a few words; writing letters and the child's name; and hearing several initial consonant sounds. **K14 \$3.25**
- **Everywhere We Go** reviews skills taught in the previous books. **K15 \$3.25**
- **Finding the Answers** develops thinking skills through hearing rhymes, identifying sequence, understanding sentence meanings, making comparisons, and association. **K16 \$3.25**
- **Going on Eagerly**, exercises include using colors, working with shapes, counting objects, identifying sequence, and drawing missing parts and simple pictures. **K17 \$3.25**
- **Hearing and Helping**, includes practice in hearing initial consonant sounds and rhyming words; understanding words in sentence context, as well as following instructions. **K18 \$3.25**
- **Inside and Outside**, includes practice in counting and writing numbers 0 through 12 by 1's and 2's, and by 10's to 100. The color pink, the diamond shape, and the thermometer are introduced. **K19 \$3.25**
- **Just Thinking and Choosing** provides cutting and pasting practice; introduces ordinal numbers, helps recognize sequence of shapes and pictures; and identifies opposites, group similarities, and analogies. **K34 \$3.25**
- **Keep Doing It Carefully** offers practice in tracing and drawing lines and designs; tracing and writing letters, words, and numbers; matching letters and words by visual discrimination; introduces the calendar. **K35 \$3.25**
- **Learning More and More** reviews colors, counting and writing numbers, shapes, and hearing rhyming and beginning sounds; matches capital and small letters, and identifies numbers on a clock. **K36 \$3.25**

*Each workbook has 64 pages. The storybook has 135 pages and gives auditory and oral practice for the child. These are especially useful for those in the preschool and kindergarten age brackets.*



# KINDERGARTEN WITH ACE & CHRISTI

*Kindergarten with Ace and Christi* is a phonetic 36-week program to prepare children to read, laying the foundation of their education. This complete scope and sequence of concepts and skills encourage children to read with sixty PACEs full of animal pictures, activities, and full-color picture stories. He will not only learn social skills, but the wonders of God's world and the reality of His love. This is all done with an easy-to-use format to help you guide your children from pretesting to kindergarten graduation. Children testing below 80% on the pretest should enter the Kindergarten program while those who test above 80% on the pretest are ready for the ABC's with Ace and Christi program.

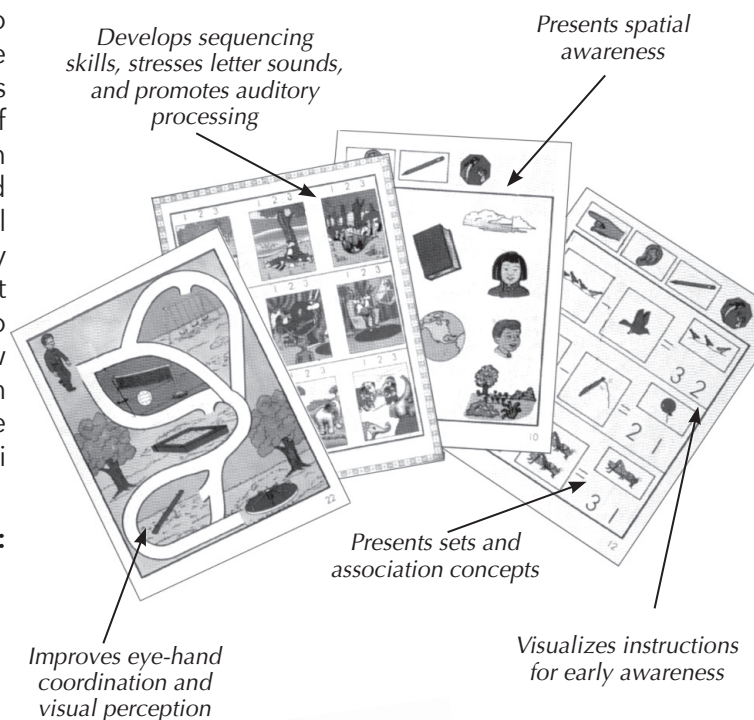
## Kindergarten with Ace and Christi Kit includes: RRKIT \$269

- 4-volume daily instructional manuals
- 36 Display cards
- 10 Number Train cards
- Kindergarten with Ace and Christi CD
- Coordination Development Test

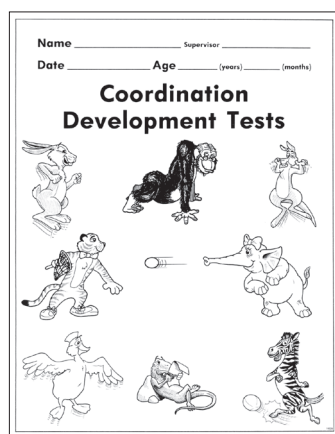
*These items are available to be purchased in the kit or individually.*

**Complete set of 60 PACEs: RRPKIT \$144**

**Kindergarten with Ace and Christi Kit including 60 PACEs: RRKITWP \$350**

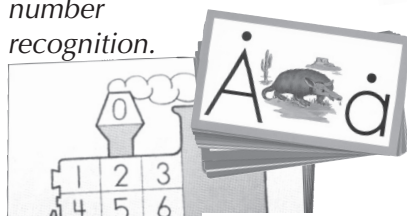


A CD reinforces phonetic sounds, enhances long-term memory, and encourages motor coordination.

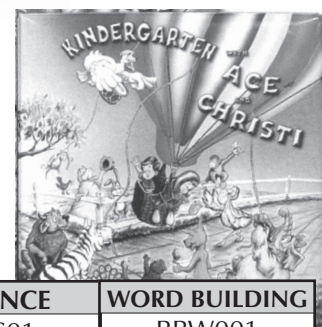


Tests evaluate reading readiness skills, test coordination, and provide activities to strengthen and teach all aspects of coordination.

Number train cards visualize counting and emphasize number recognition.



Animal-sound display cards build visual recognition and correlate stories to letter sounds.



| MATH  | ENGLISH | SOC. STUDIES | SCIENCE | WORD BUILDING |
|-------|---------|--------------|---------|---------------|
| RRM01 | RRE01   | RRSS01       | RRS01   | RRW001        |
| RRM02 | RRE02   | RRSS02       | RRS02   | RRW002        |
| RRM03 | RRE03   | RRSS03       | RRS03   | RRW003        |
| RRM04 | RRE04   | RRSS04       | RRS04   | RRW004        |
| RRM05 | RRE05   | RRSS05       | RRS05   | RRW005        |
| RRM06 | RRE06   | RRSS06       | RRS06   | RRW006        |
| RRM07 | RRE07   | RRSS07       | RRS07   | RRW007        |
| RRM08 | RRE08   | RRSS08       | RRS08   | RRW008        |
| RRM09 | RRE09   | RRSS09       | RRS09   | RRW009        |
| RRM10 | RRE10   | RRSS10       | RRS10   | RRW010        |
| RRM11 | RRE11   | RRSS11       | RRS11   | RRW011        |
| RRM12 | RRE12   | RRSS12       | RRS12   | RRW012        |

\$2.70 Each\*

# ABC's with Ace & Christi

ABC'S (GRADE ONE)

Children who have scored at least 80% on the ABC's Reading Readiness Test are generally ready to begin learning to read and can begin the ABC's with Ace & Christi Learning to Read program. Many children under the age of 6 are not physically and cognitively ready to learn all the skills needed and involved with reading. They would benefit more from the Kindergarten with Ace & Christi program on the previous page.

**ABC's with Ace & Christi** is a 12-15 week program of you teaching your child to read using preplanned lessons in the two-volume daily, step-by-step instructional manual. This multi-sensory, phonetic reading program is designed to prepare him for the PACE curriculum's individualized instructions. He will learn to read by becoming acquainted with cartoon animal stories, characters, and songs. These features help him to better learn letter sounds, alphabet sequence, and word relationships which help your child in his physical and character development through poems, displays, and various physical activities.

## ABC'S of A.C.E Learning-to-Read Program Kit ABCHSKIT \$277 (no paces included)

includes:

- 2-Volume Daily Instructional Manuals
- Reading Readiness Test
- Post Test
- ABC's with Ace & Christi CD
- Individual ABC's Phonetic Flash Cards
- Tactile-Kinetic Cards

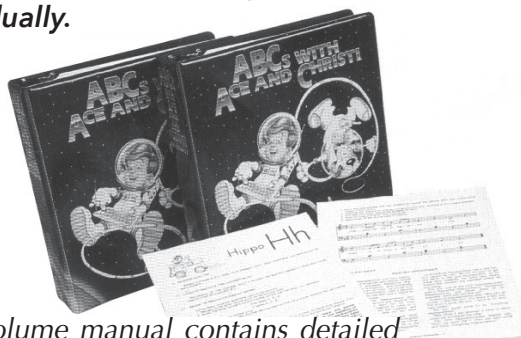
| NEEDED FOR LEARNING-TO-READ PROGRAM KIT |                            |
|---|----------------------------|
| REQUIRED                                | OPTIONAL                   |
| W001-W012 Word Building                 | AS001-AS012 Animal Science |
| M001-M003 Math                          | BR001-BR012 Bible Reading  |

**ABC'S of A.C.E Learning-to-Read Program Kit,**  
including all 1st Grade student PACEs:

**ABCHSKITWP \$370**

Full year of 1st Grade student PACEs: **ABCPKIT \$196**

*These items are available to be purchased in the kit or individually.*

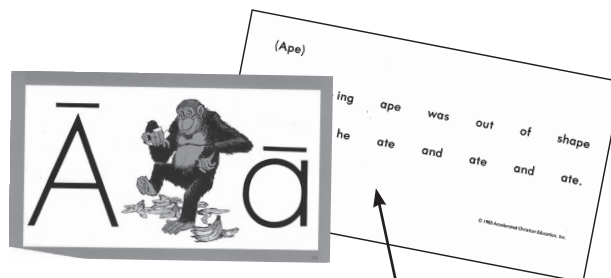


*A two volume manual contains detailed step-by-step, easy-to-follow, complete plans for each day.*

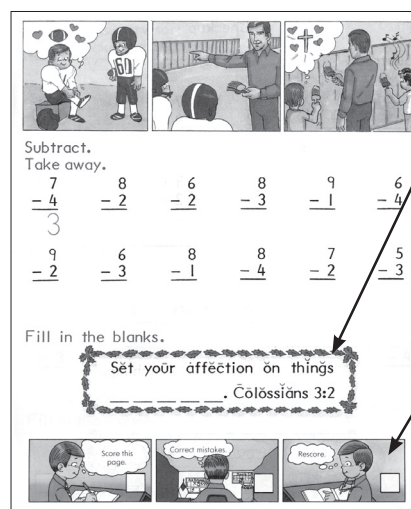
*Upon completion of the ABC's with Ace & Christi program, including 12 Word Building and 4 Math PACEs and the optional 12 Animal Science and Bible PACEs, the student is administered the ABC's Post Test.*

*For students who do not get a 100% on the ABC Post Test, there is an **ABC Review set** available:*

|         |                       |         |
|---------|-----------------------|---------|
| ABC 092 | ABCs Review Manual    | \$13.75 |
| ABC 190 | Student Review PACE   | \$ 3.30 |
| ABC 191 | Review PACE Score Key | \$3.30  |



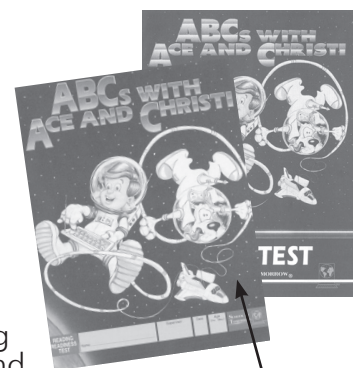
*Phonetic flash cards can be used for review.*



*Scripture passages support the lesson and illustrate a character trait.*

*Score strips tell the student how and when to score.*

*When he scores 100%, he continues with the balance of the first grade program: Math M004-M012, English E001-E012, Social Studies SS001-SS012, and Science S001-S012. English is a continuation of the phonetic and writing skills. The Social Studies and Science PACEs are readers with Reading Development Skills integrated into the PACEs.*



*Tests evaluate reading readiness skills.*

## WORD BUILDING 1

This course provides activities that accompany the ABCs with Ace and Christi Learning-To-Read Program. These PACEs provide the foundational phonetic skills needed for reading and writing mastery. Your child will learn 35 letter sounds and 11 additional blends and diphthongs that are basic to all reading.

Write Oo

Color the o sound word pictures.

| WORD BUILDING 1 | SCORE KEYS  |
|-----------------|-------------|
| \$2.90 Each     | \$2.90 Each |
| W001            | WK001       |
| W002            | WK002       |
| W003            | WK003       |
| W004            | WK004       |
| W005            | WK005       |
| W006            | WK006       |
| W007            | WK007       |
| W008            | WK008       |
| W009            | WK009       |
| W010            | WK010       |
| W011            | WK011       |
| W012            | WK012       |

19

20

Word Building 1, Animal Science 1, and Bible Reading 1 PACEs 1-12 and Math 1 PACEs 1-3 are used in conjunction with the ABC's Learning-To-Read program on the previous page.

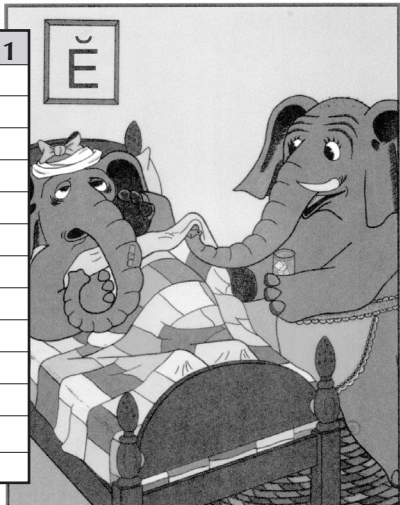
## ANIMAL SCIENCE 1

Animal Science PACEs go along with the first 12 weeks of teaching phonics. These PACEs incorporate pictures that illustrate the animal stories and alphabet sounds the student will be learning about in Word Building. They include activities to develop fine motor skills, visual discernment and hand-eye coordination.

ANIMAL SCIENCE 1

\$2.70 Each

|       |
|-------|
| AS001 |
| AS002 |
| AS003 |
| AS004 |
| AS005 |
| AS006 |
| AS007 |
| AS008 |
| AS009 |
| AS010 |
| AS011 |
| AS012 |



## MATHEMATICS 1

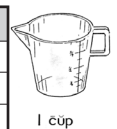
In this level the student learns...

- ✓ Numbers in symbol and name from zero to ten
- ✓ Counting from zero to one hundred
- ✓ Simple addition and subtraction

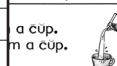
The student is introduced to...

- ✓ The number line
- ✓ Measurement of time, temperature, and liquids

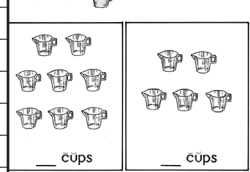
| MATH 1      | SCORE KEYS  |
|-------------|-------------|
| \$2.70 Each | \$2.70 Each |
| M001        | MK001       |
| M002        | MK002       |
| M003        | MK003       |
| M004        | MK004       |
| M005        | MK005       |
| M006        | MK006       |
| M007        | MK007       |
| M008        | MK008       |
| M009        | MK009       |
| M010        | MK010       |
| M011        | MK011       |
| M012        | MK012       |



I cup



a cup, m a cup.



cups cups

f r i must shew

Proverbs 18:24

12

## BIBLE READING 1

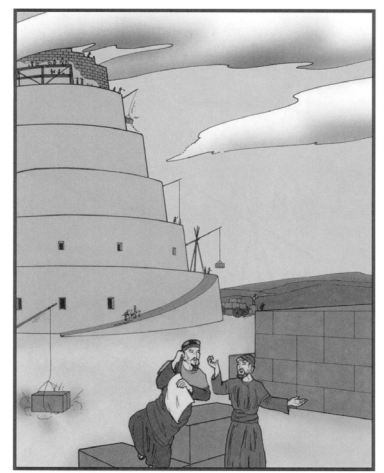
In Grade 1, a specific feature of the ABCs with Ace and Christi learning-to-read program is the character-building Bible stories.

Bible Reading Grade 1 PACEs feature vividly colored pictures to be used in conjunction with these Bible stories. A variety of activities give attention to development of the small motor muscles, eye-hand coordination, and visual discrimination.

BIBLE READING 1

\$2.70 Each

|       |
|-------|
| BR001 |
| BR002 |
| BR003 |
| BR004 |
| BR005 |
| BR006 |
| BR007 |
| BR008 |
| BR009 |
| BR010 |
| BR011 |
| BR012 |



# ENGLISH 1

The first-grade English material reviews consonant and vowel sounds and introduces reading and writing of word families and sentences. As the child develops reading comprehension skills, he finds satisfaction and success in reading, writing, and spelling.

Read the story to your supervisor.

| ENGLISH 1   | SCORE KEYS  |
|-------------|-------------|
| \$2.70 Each | \$2.70 Each |
| E001        | EK001       |
| E002        | EK002       |
| E003        | EK003       |
| E004        | EK004       |
| E005        | EK005       |
| E006        | EK006       |
| E007        | EK007       |
| E008        | EK008       |
| E009        | EK009       |
| E010        | EK010       |
| E011        | EK011       |
| E012        | EK012       |

met pen fell met

Learn.

As Christ forgave you, so also do ye. Colossians 3:13

4

# SOCIAL STUDIES 1

Grade 1 builds reading skills while introducing young students to the basic principles of life. Students learn to recognize and are challenged and motivated to do what is right. They also learn to be kind, to share, and to be obedient to rules and laws. This grade requires reading character-building stories and answering questions.

Put the right word on the blank.

| SOCIAL STUDIES 1 | SCORE KEYS  |
|------------------|-------------|
| \$2.90 Each      | \$2.90 Each |
| SS001            | SSBK001     |
| SS002            | SSBK002     |
| SS003            | SSBK003     |
| SS004            | SSBK004     |
| SS005            | SSBK005     |
| SS006            | SSBK006     |
| SS007            | SSBK007     |
| SS008            | SSBK008     |
| SS009            | SSBK009     |
| SS010            | SSBK010     |
| SS011            | SSBK011     |
| SS012            | SSBK012     |

10

1  
GRADE ONE

# MUSIC 1

**Beginning in Music One** teaches syllable shapes and kinds of notes. A particular color has been ascribed to each syllable shape, which expresses the general feeling of that tone. Recognition of shapes and their names are drilled in various ways throughout this set of 32 perforated worksheets, and later drill the different kinds of notes and their tone lengths.

**MRS18110 Pupil/Teacher's Guide** \$3.50

**BEGINNING in MUSIC ONE**

Worksheets

the correct

CHRISTIAN MUSIC SERIES

Red and Staff Publishers, Inc.

Fa Sol

31

# SCIENCE 1

This science course material builds reading skills as it presents the young student with the facts of Creation as presented in the Bible. He learns about the human body as well as concepts of health care and hygiene.

✓ Visualized vocabulary is used to increase reading level and comprehension.

Draw a line between the words and the picture.

sing Day three Day one Day two Day four Day five

Fill in the blanks.

The man looketh well to his going. Proverbs 14:15

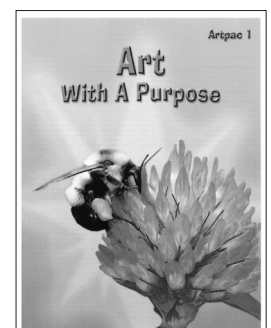
27

| SCIENCE 1   | SCORE KEYS  |
|-------------|-------------|
| \$2.90 Each | \$2.90 Each |
| S001        | SK001       |
| S002        | SK002       |
| S003        | SK003       |
| S004        | SK004       |
| S005        | SK005       |
| S006        | SK006       |
| S007        | SK007       |
| S008        | SK008       |
| S009        | SK009       |
| S010        | SK010       |
| S011        | SK011       |
| S012        | SK012       |

# ART 1

**Artpac 1** This book teaches simple coloring and drawing skills, and has color-by-number and cutting and pasting activities. **Artpac 1**

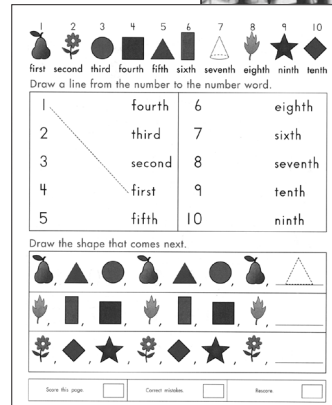
ARAP1 • \$7.95



# MATHEMATICS 2

In Math 2, the student:

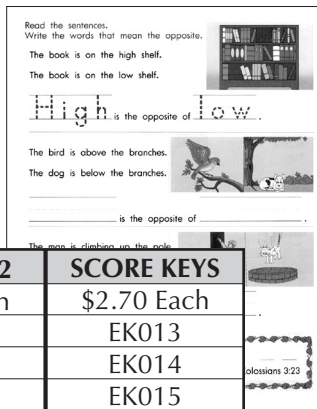
- ✓ Adds and subtracts two- and three-digit numbers
- ✓ Relates multiplication to addition
- ✓ Counts by twos, fives, and tens
- ✓ Identifies odd and even numbers
- ✓ Learns carrying and borrowing
- ✓ Counts by very large numbers
- ✓ Tells time
- ✓ Recognizes geometric shapes



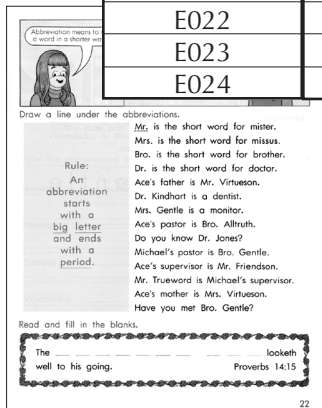
| MATH 2                  | SCORE KEYS  |
|-------------------------|-------------|
| \$2.70 Each             | \$2.70 Each |
| M013                    | MK013       |
| M014                    | MK014       |
| M015                    | MK015       |
| M016                    | MK016       |
| M017                    | MK017       |
| M018                    | MK018       |
| M019                    | MK019       |
| M020                    | MK020       |
| M021                    | MK021       |
| M022                    | MK022       |
| M023                    | MK023       |
| M024                    | MK024       |
| Math Speed Tests \$4.00 |             |

## ENGLISH 2

Your child is introduced to punctuation and parts of speech. He also studies word meanings and order, compound words, and rhyming words. The curriculum develops visual discrimination and increases reading comprehension skills.



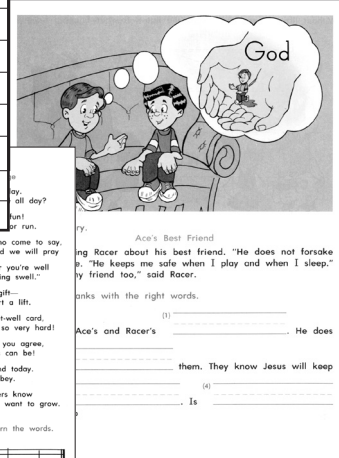
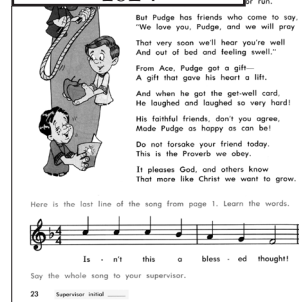
| ENGLISH 2   | SCORE KEYS  |
|-------------|-------------|
| \$2.70 Each | \$2.70 Each |
| E013        | EK013       |
| E014        | EK014       |
| E015        | EK015       |
| E016        | EK016       |
| E017        | EK017       |
| E018        | EK018       |
| E019        | EK019       |
| E020        | EK020       |
| E021        | EK021       |
| E022        | EK022       |
| E023        | EK023       |
| E024        | EK024       |



## LITERATURE & CREATIVE WRITING 2

In this grade, the student is encouraged to visualize, use his imagination, and give creative responses to questions following one-page stories. Instead of drudgery, reading suddenly becomes a true learning experience, and writing blossoms into a comfortable skill. To round out grade 2, each PACE provides practice in handwriting and speed reading.


| LIT. & CREATIVE WRITING 2 | SCORE KEYS  |
|---------------------------|-------------|
| \$2.70 Each               | \$2.70 Each |
| L013                      | LK13-15     |
| L014                      | LK16-18     |
| L015                      | LK19-21     |
| L016                      | LK22-24     |
| L017                      |             |
| L018                      |             |
| L019                      |             |
| L020                      |             |
| L021                      |             |
| L022                      |             |
| L023                      |             |
| L024                      |             |



## 2

## GRADE TWO

When I faced me to put my to the right, east" when I ed. and out. West west" when I



I me when I face north. Behind me north, the direction behind me is think how east is to the right and

north, I think of the north winds th winds blow, we put an warm out of both directions are not to out of the north.

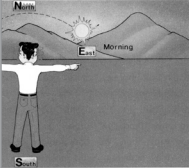
is blank.

avior.

the north winds blow, comes no snow.

here is the sun's morning face, the sun's sitting down place.

is just where to go, nt us, the way to know.



ast is to the right,


west rest pest

least east east

west rest pest

one to another.

Ephesians 4:32



Supervisor initial \_\_\_\_\_

12

plan  
ma

## Visualized Vocabulary

*Thy word have I hid in mine heart,  
that I might not sin against thee.*  
✓ *Psalms 119:11*

**EYS**

ch

3

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7

8

9

0

1

2

3

4

## /

/

| WORD BUILDING 2 | SCORE KEYS  |
|-----------------|-------------|
| \$2.90 Each     | \$2.90 Each |
| W013            | WK013       |
| W014            | WK014       |
| W015            | WK015       |
| W016            | WK016       |
| W017            | WK017       |
| W018            | WK018       |
| W019            | WK019       |
| W020            | WK020       |
| W021            | WK021       |
| W022            | WK022       |
| W023            | WK023       |
| W024            | WK024       |

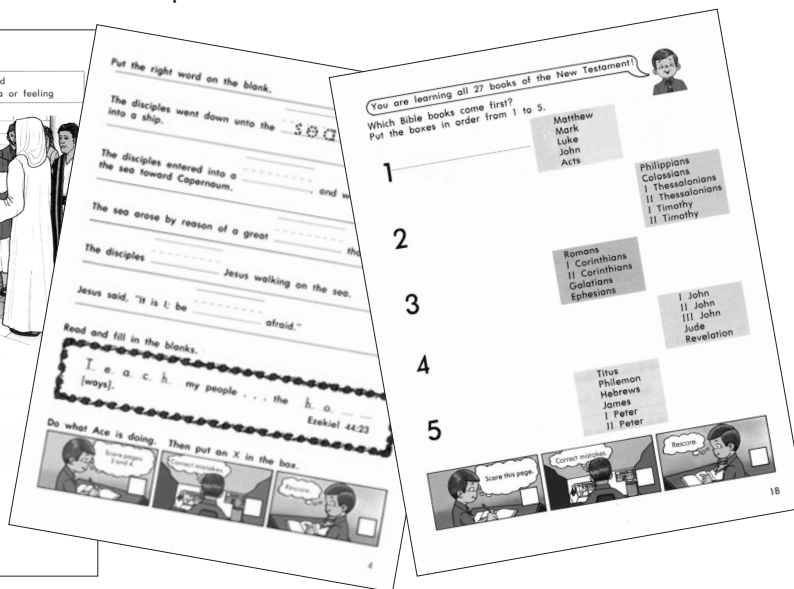
## BIBLE READING 2

In Grade 2, the student reads the Book of John. As he reads, he is also expected to answer questions about God's Word. In addition, he learns the books of the New Testament in order. Various character traits dealing with relationships with God and others are emphasized also.

| BIBLE READING 2 | SCORE KEYS  |
|-----------------|-------------|
| \$2.70 Each     | \$2.70 Each |
| BR013           | BRK13-15    |
| BR014           | BRK16-18    |
| BR015           | BRK19-21    |
| BR016           | BRK22-24    |
| BR017           |             |
| BR018           |             |
| BR019           |             |
| BR020           |             |
| BR021           |             |
| BR022           |             |
| BR023           |             |
| BR024           |             |

where David was?  
43 So there was a di-vi-sion  
among the people because of him.

7



## ANIMAL SCIENCE 2

In each PACE, students study a specific animal. The students learn about sheep, dogs, horses, cats, cattle, rabbits, rodents, poultry, unusual birds, spiders, snakes, toads, and frogs. Each is presented in interesting story form and, where appropriate, Scripture reference to these animals is pointed out.

| ANIMAL SCIENCE 2 | SCORE KEYS  |
|------------------|-------------|
| \$2.70 Each      | \$2.70 Each |
| AS013            | ASK013-15   |
| AS014            | ASK016-18   |
| AS015            | ASK019-21   |
| AS016            | ASK022-24   |
| AS017            |             |
| AS018            |             |
| AS019            |             |
| AS020            |             |
| AS021            |             |
| AS022            |             |
| AS023            |             |
| AS024            |             |

Put the right words on the blanks.

\_\_\_\_\_ and wash their faces and  
wash their \_\_\_\_\_  
again after eating.  
\_\_\_\_\_ when washing  
\_\_\_\_\_ may form inside  
\_\_\_\_\_ eat will help loose hair fall out.  
\_\_\_\_\_ fled  
\_\_\_\_\_ through  
\_\_\_\_\_ learn from cats?  
\_\_\_\_\_ wing of your \_\_\_\_\_ Romans 12:2

**Toby's Hair**

I am glad you could bring Toby with you. Toby and Patches will have a good time playing together.

Notice how nice Toby looks. He gave himself a bath a short while ago. Once a day he licks his paw and washes his face and head with his wet paw. He uses his wet tongue to wash the rest of his body. After he eats, he is careful to wash his face again.

Once Patches ran under the car. When she came out from under the car, her beautiful coat was spotted with oil. I had to give her a bath, but she did not enjoy it.

Brush my cat daily to get rid of loose hair. Hair balls may form inside a cat's stomach from the loose hair in the stomach can make a cat very sick. Brushing will help loose hair fall out and will keep hair balls from forming in the stomach. A cat has about 25 to 30 long hairs on its face called "whiskers." A cat's whiskers grow in four rows from the sides of the mouth and above the eyes. God gave whiskers to cats to help them feel their way through bushes at night.

## MUSIC 2

**Beginning in Music Two** is a set of 36 perforated worksheets, which review and drill syllable shapes and kinds of tones. Students advance and learn to draw shaped notes and characters showing note values, as well as how to draw and label rests. He will be drilled in writing the names and values of the notes.

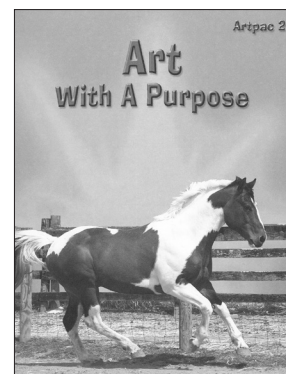
Some musical ideas to use in developing the student's diatonic feeling are suggested in the teacher's guide for Grade 2.

**MRS18210 Pupil/Teacher's Guide** \$3.50

## ART 2

**Artpac 2** Simple coloring skills, cutting and pasting activities, thumbprint pictures, step-by-step drawing, making people out of stick figures, and basic perspective drawing is introduced.

**Artpac 2**  
ARAP2 • \$7.95



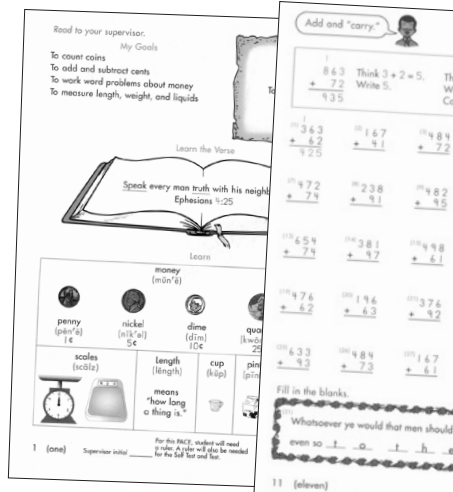
# MATHEMATICS 3

3

GRADE THREE

In Math 3, the student:

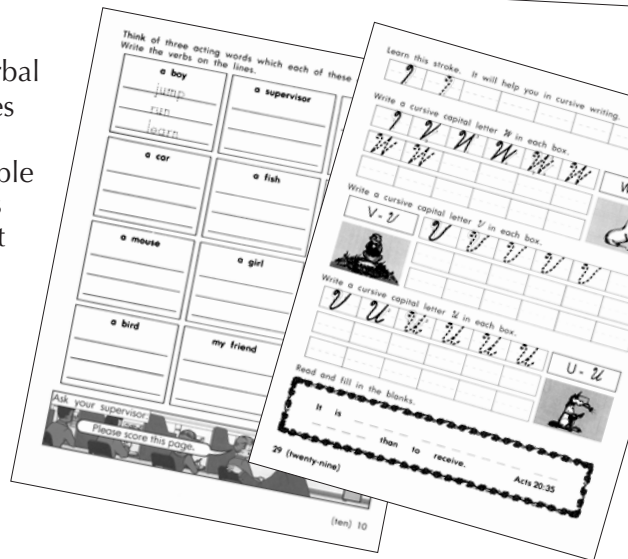
- ✓ Expands his basic addition, subtraction and multiplication skills
- ✓ Learns Roman numerals
- ✓ Is introduced to money values and measurements of weight, liquid, and length



| MATH 3                  | SCORE KEYS  |
|-------------------------|-------------|
| \$2.70 Each             | \$2.70 Each |
| M025                    | MK025       |
| M026                    | MK026       |
| M027                    | MK027       |
| M028                    | MK028       |
| M029                    | MK029       |
| M030                    | MK030       |
| M031                    | MK031       |
| M032                    | MK032       |
| M033                    | MK033       |
| M034                    | MK034       |
| M035                    | MK035       |
| M036                    | MK036       |
| Math Speed Tests \$4.00 |             |

## ENGLISH 3

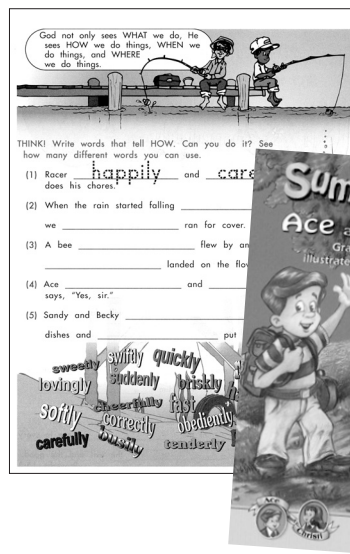
This grade concentrates on verbal skills. The material covers types of sentences, parts of speech, confusing word pairs, and simple punctuation. Cursive writing is emphasized so that the student may achieve penmanship excellence. The child expands his knowledge of poems and rhyming words, and creative writing is encouraged.



| ENGLISH 3   | SCORE KEYS  |
|-------------|-------------|
| \$2.70 Each | \$2.70 Each |
| E025        | EK025       |
| E026        | EK026       |
| E027        | EK027       |
| E028        | EK028       |
| E029        | EK029       |
| E030        | EK030       |
| E031        | EK031       |
| E032        | EK032       |
| E033        | EK033       |
| E034        | EK034       |
| E035        | EK035       |
| E036        | EK036       |

## LITERATURE & CREATIVE WRITING 3

Students in this grade gain more practice in critical thinking. Special activities require choosing the best endings for stories, writing story titles, identifying rhyme in poetry, and learning about the kinds of books and the parts of books. Character, setting, and plot are emphasized as the student reads specific chapters in the two required resource books - *Summer Fun with Ace and Christi* and *Christians Courageous*. Speed reading and handwriting skills are emphasized and practiced.



| LIT. AND CREATIVE WRITING 3 | SCORE KEYS  |
|-----------------------------|-------------|
| \$2.70 each                 | \$2.70 Each |
| L025                        | LK025-27    |
| L026                        | LK028-30    |
| L027                        | LK031-33    |
| L028                        | LK034-36    |
| L029                        |             |
| L030                        |             |
| L031                        |             |
| L032                        |             |
| L033                        |             |
| L034                        |             |
| L035                        |             |
| L036                        |             |



| RESOURCE BOOKS                          |
|---|
| \$7.65 Each                             |
| LR025-031 Summer Fun with Ace & Christi |
| LR032-036 Christians Courageous         |

## SOCIAL STUDIES 3

This grade covers communication, conservation, communities, agriculture, geography, and the discovery of America, along with colonization and slavery. This positive approach to history encourages your child to love and respect his country. The heroes and heroines to whom he is introduced provide role models representing ideals and aspirations for which the student can reach.

| SOCIAL STUDIES 3 |  |
|------------------|--|
| \$2.90 Each      |  |
| SS025            |  |
| SS026            |  |
| SS027            |  |
| SS028            |  |
| SS029            |  |
| SS030            |  |
| SS031            |  |
| SS032            |  |
| SS033            |  |
| SS034            |  |
| SS035            |  |
| SS036            |  |
| SCORE KEYS       |  |
| SSBK025-27       |  |
| SSBK028-30       |  |
| SSBK031-33       |  |
| SSBK034-36       |  |

N. The "New Jerusalem"

and girls, I have telling you about the and about the great Jerusalem. One day all will live together in a beautiful city built by God. It will be called the "new Jerusalem." In the "new Jerusalem" no one will be sick. The "new Jerusalem" will never be torn by enemies. There will be no more wars. The "new Jerusalem" will be a city of true peace.

We can read about the "new Jerusalem" in the last book of the Bible. This book of the Bible tells us about the last part of this story. History is God's story about time. There will be no more time. There will be only one long day that will last for always. Heaven will be a wonderful place!

... the holy city, new Jerusalem, coming down from God out of Heaven. Revelation 21:2

1-A 11-K 21-U  
2-B 12-L 22-V  
3-C 13-M 23-W  
4-D 14-N 24-X  
5-E 15-O 25-Y  
6-F 16-P 26-Z  
7-G 17-Q  
8-H 18-R  
9-I 19-S  
10-J 20-T

Correct matches

Score pages 30, 31, 33, 34, 35, and 36.

Rescore

(thirty-six) 36

## SCIENCE 3

An explanation of God's world from a biblical perspective finds the child becoming familiar with the life cycles of animals and plants. He will see the effects of solar bodies on the earth. Geologic changes after the Flood, jungles and hot lands, tundra and cold lands, volcanoes and earthquakes incite the natural curiosity of children- all this and much more makes this an exciting learning experience.

✓ Simple experiments that coincide with the text.

| SCIENCE 3   | SCORE KEYS  |
|-------------|-------------|
| \$2.90 Each | \$2.90 Each |
| S025        | SK025-27    |
| S026        | SK028-30    |
| S027        | SK031-33    |
| S028        | SK034-36    |
| S029        |             |
| S030        |             |
| S031        |             |
| S032        |             |
| S033        |             |
| S034        |             |
| S035        |             |
| S036        |             |

Boys! Amphibians look near always. Frog temples.

Find his Bible.

Frogs have long, back legs for leaping. When a frog sees an insect, the frog leaps close to it. As a frog leaps, it sticks out its sticky tongue and catches the insect. A frog eats only live animals. It catches live animals with its sticky tongue.

Frogs breathe through their nostrils. In most frogs, the air passes through the nostrils into the mouth. The air then goes into the frog's lungs. Frogs gave frogs lungs with which to breathe. Air gets to the lungs when they breathe through their nostrils.

(eighteen) 18

## WORD BUILDING 3

Your student will learn 40 spelling words in each PACE. Among these words are sight words, synonyms, and compound words. Your student will be introduced to how suffixes change the meaning and spelling of a word.

| WORD BUILDING 3 | SCORE KEYS  |
|-----------------|-------------|
| \$2.90 Each     | \$2.90 Each |
| W025            | WK025       |
| W026            | WK026       |
| W027            | WK027       |
| W028            | WK028       |
| W029            | WK029       |
| W030            | WK030       |
| W031            | WK031       |
| W032            | WK032       |
| W033            | WK033       |
| W034            | WK034       |
| W035            | WK035       |
| W036            | WK036       |

Read to your supervisor. Sound out the spelling words.

My Goals

To learn these spelling words.

ant fat pond grandpa  
add flat cloth grandma  
bank flag job woman  
task scab frog human  
wax cap clot cabin  
sand camp spot travel  
sang shall gone basket  
man last worm wagon  
plan box lag compass  
set doll brought worship

To learn to do all things with Jesus' help.

Learn this Bible Verse

I can do all things through Christ. Philippians 4:13

1 (one) Supervisor initial

| Learn these words and what they mean. |   |   |  |
|---------------------------------------|---|---|--|
| against<br>ə·gənst/                   | amphibian<br>əm·fīb·ē·ən                          | escape<br>ē·skāp/                                 |  |
| Means upon.                           | Means an animal able to live on land or in water. | Means to get away.                                |  |
| fang<br>fāŋ                           | leap<br>lēp                                       | lung<br>lūŋ                                       |  |
|                                       | Means jump.                                       | Means the part of the body that helps us breathe. |  |
| poem<br>pō·ēm                         | poison<br>poi·zən                                 | rough<br>rūf                                      |  |
| Means a story with rhyming words.     | Means something very harmful.                     | Means not smooth.                                 |  |
| section<br>sēk·shən                   | snap<br>snāp                                      | sort<br>sōrt                                      |  |
|                                       | Means break quickly.                              | Means kind.                                       |  |

Supervisor initial (two) 2

## BIBLE READING 3

In Grade 3, the child becomes familiar with the Book of Matthew while learning the books of the Old Testament in order. There is a constant review of the Old Testament books and practice in recognizing them.

3

GRADE THREE

| BIBLE READING 3 | SCORE KEYS  |
|-----------------|-------------|
| \$2.70 Each     | \$2.70 Each |
| BR025           | BRK025-27   |
| BR026           | BRK028-30   |
| BR027           | BRK031-33   |
| BR028           | BRK034-36   |
| BR029           |             |
| BR030           |             |
| BR031           |             |
| BR032           |             |
| BR033           |             |
| BR034           |             |
| BR035           |             |
| BR036           |             |

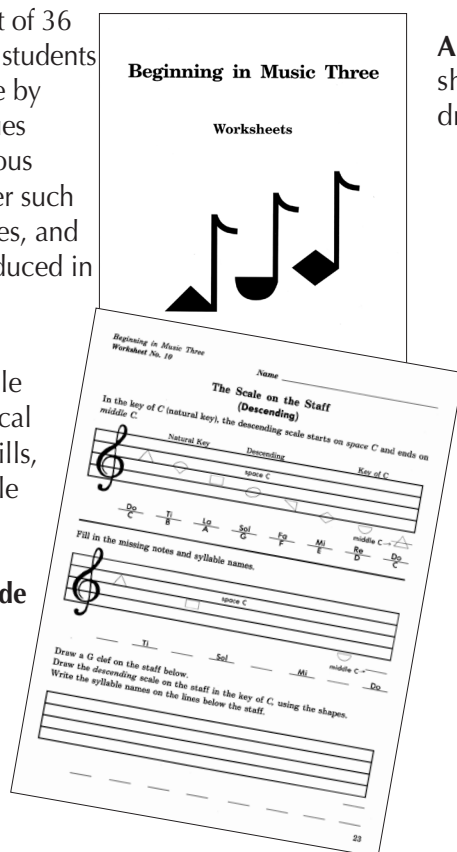


## MUSIC 3

**Beginning in Music Three** is a set of 36 perforated worksheets preparing students for Growing in Music, Book-One by reviewing note shapes, note values and rests. Grade 3 teaches various musical terms in a simple manner such as the scale, the staff, lines, spaces, and measures. Accidentals are introduced in the last 9 lessons.

The Grade 3 teacher's guide encourages spending considerable time developing the students' vocal abilities. Musical ideas, scale drills, and individual singing of the scale are various methods taught.

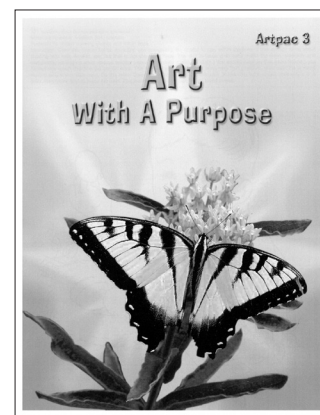
**MRS18310 Pupil/Teacher's Guide**  
\$3.50



## ART 3

**Artpac 3** This book has more coloring skills, shading, and simple shape drawing, as well as drawing faces, simple grid drawing, and painting.

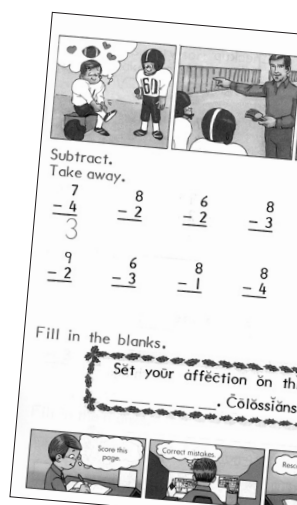
**Artpac 3**  
ARAP3 • \$7.95



# MATHEMATICS 4

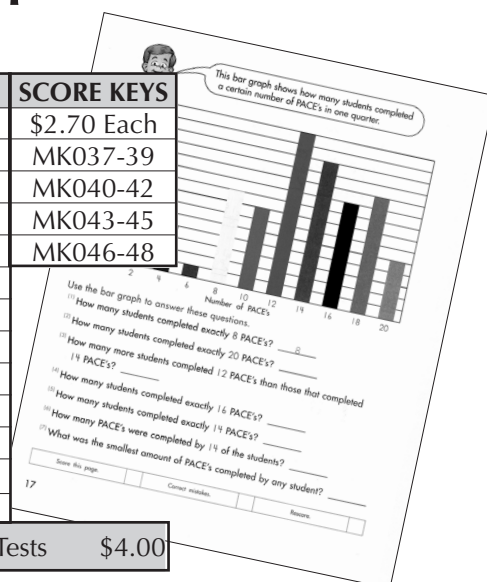
In Math 4, the student:

- ✓ Advances in addition, subtraction, multiplication and division
- ✓ Solves word problems
- ✓ Gains an understanding of the basic concept of sets, number patterns, measurements, Roman numerals and money



| MATH 4      | SCORE KEYS  |
|-------------|-------------|
| \$2.70 Each | \$2.70 Each |
| M037        | MK037-39    |
| M038        | MK040-42    |
| M039        | MK043-45    |
| M040        | MK046-48    |
| M041        |             |
| M042        |             |
| M043        |             |
| M044        |             |
| M045        |             |
| M046        |             |
| M047        |             |
| M048        |             |

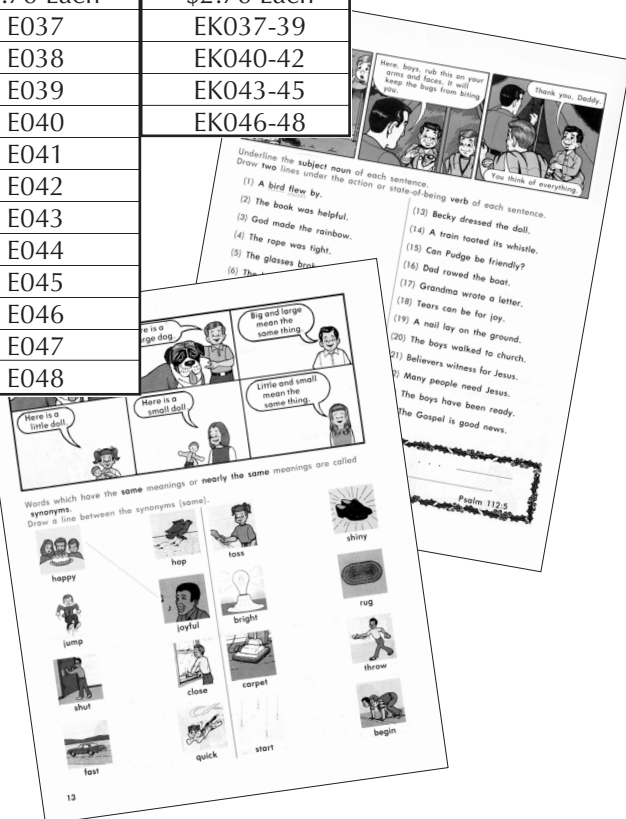
Math Speed Tests \$4.00



## ENGLISH 4

This level covers three basic sentence types with an emphasis on usage and the writing process. The student studies nouns, verbs, and other parts of speech along with more confusing word pairs. The material touches on proper telephone manners and the writing of friendly and business letters.

| ENGLISH 4   | SCORE KEYS  |
|-------------|-------------|
| \$2.70 Each | \$2.70 Each |
| E037        | EK037-39    |
| E038        | EK040-42    |
| E039        | EK043-45    |
| E040        | EK046-48    |
| E041        |             |
| E042        |             |
| E043        |             |
| E044        |             |
| E045        |             |
| E046        |             |
| E047        |             |
| E048        |             |



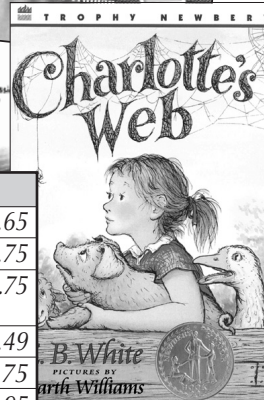
## LITERATURE & CREATIVE WRITING 4

Grade 4 provides opportunities for students to use their imaginations, to learn dictionary skills, and to practice cursive handwriting. Creative answers are encouraged throughout the course and should be evaluated subjectively. Students learn to put critical thinking skills into action as they draw conclusions and examine ideas attributed to heroes and heroines in the required reading assignments.

| LIT. AND CREATIVE WRITING 4 | SCORE KEYS  |
|-----------------------------|-------------|
| \$2.70 Each                 | \$2.70 Each |
| L037                        | LK037-39    |
| L038                        | LK040-42    |
| L039                        | LK043-45    |
| L040                        | LK046-48    |
| L041                        |             |
| L042                        |             |
| L043                        |             |
| L044                        |             |
| L045                        |             |
| L046                        |             |
| L047                        |             |
| L048                        |             |

### RESOURCE BOOKS

|         |  |        |
|---------|--|--------|
| LR37-38 | Little Green Frog, The                   | \$7.65 |
| LR39-40 | Saved at Sea                             | \$8.75 |
| LR41-42 | Ace & Christi Series, The Red Rag Riddle | \$8.75 |
| LR43-44 | Charlotte's Web                          | \$8.49 |
| LR45-46 | Children's Missionary Library            | \$8.75 |
| LR47-48 | Choice Stories for Children              | \$6.95 |



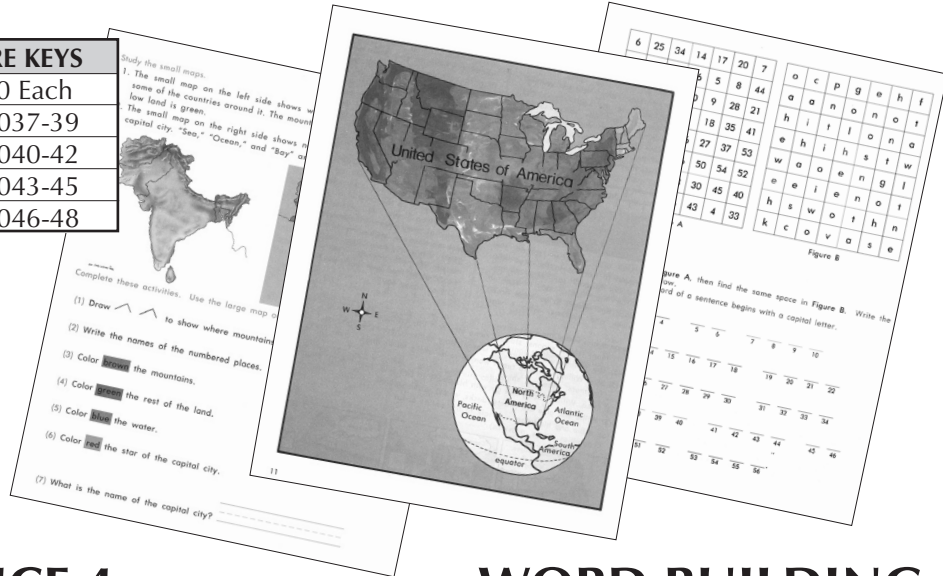
# SOCIAL STUDIES 4

4

GRADE FOUR

Students do required reading and write their answers to questions in cursive. They learn to use maps and globes for understanding world geography and cultures. As he learns about each continent, he also learns about a missionary who served in that area.

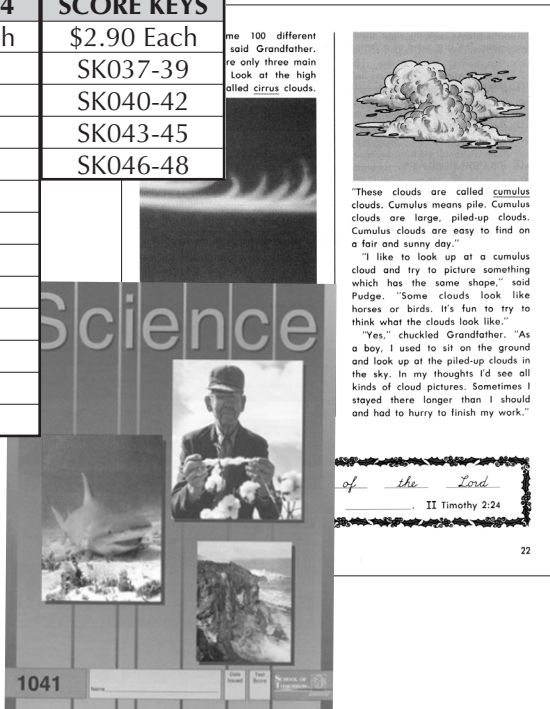
| SOCIAL STUDIES 4 | SCORE KEYS  |
|------------------|-------------|
| \$2.90 Each      | \$2.90 Each |
| SS037            | SSBK037-39  |
| SS038            | SSBK040-42  |
| SS039            | SSBK043-45  |
| SS040            | SSBK046-48  |
| SS041            |             |
| SS042            |             |
| SS043            |             |
| SS044            |             |
| SS045            |             |
| SS046            |             |
| SS047            |             |
| SS048            |             |



## SCIENCE 4

The student is brought into an understanding of matter and the laws of nature. Microbiology and early researchers with their equipment are studied. The child learns about simple standards by which scientific observations are made - measurements, time, length, weight, and temperature in both metric and English systems. Botany, zoology, meteorology, chemistry, geology- fascinating subject matter that intrigues the fertile mind of students at this level- are introduced.

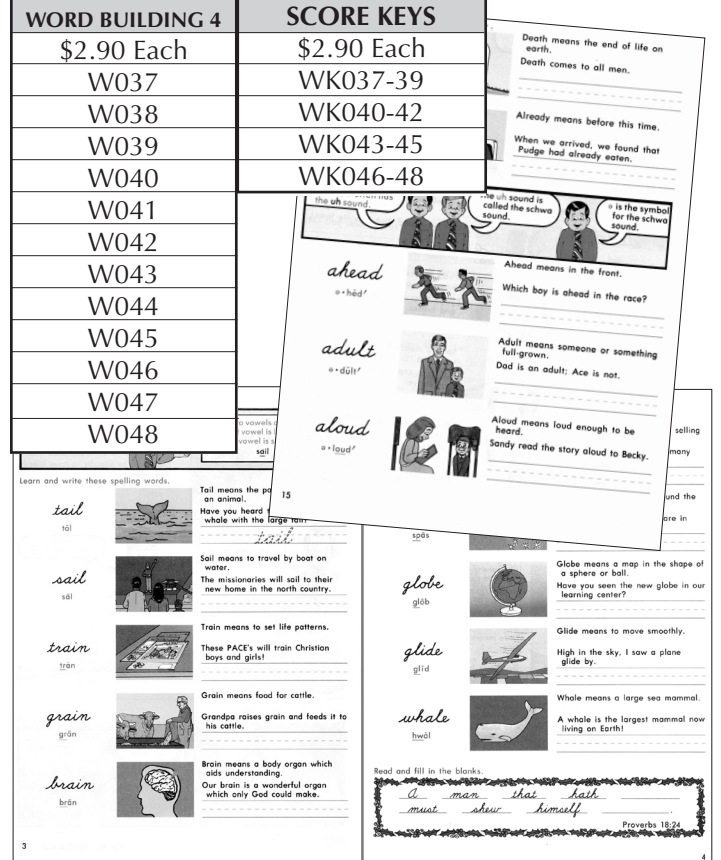
| SCIENCE 4   | SCORE KEYS  |
|-------------|-------------|
| \$2.90 Each | \$2.90 Each |
| S037        | SK037-39    |
| S038        | SK040-42    |
| S039        | SK043-45    |
| S040        | SK046-48    |
| S041        |             |
| S042        |             |
| S043        |             |
| S044        |             |
| S045        |             |
| S046        |             |
| S047        |             |
| S048        |             |



## WORD BUILDING 4

Your student will learn 50 spelling words in each PACE. Among these words are homonyms and words that do not follow spelling rules. Your student will gain practice in cursive handwriting as well as learn about suffixes.

| WORD BUILDING 4 | SCORE KEYS  |
|-----------------|-------------|
| \$2.90 Each     | \$2.90 Each |
| W037            | WK037-39    |
| W038            | WK040-42    |
| W039            | WK043-45    |
| W040            | WK046-48    |
| W041            |             |
| W042            |             |
| W043            |             |
| W044            |             |
| W045            |             |
| W046            |             |
| W047            |             |
| W048            |             |



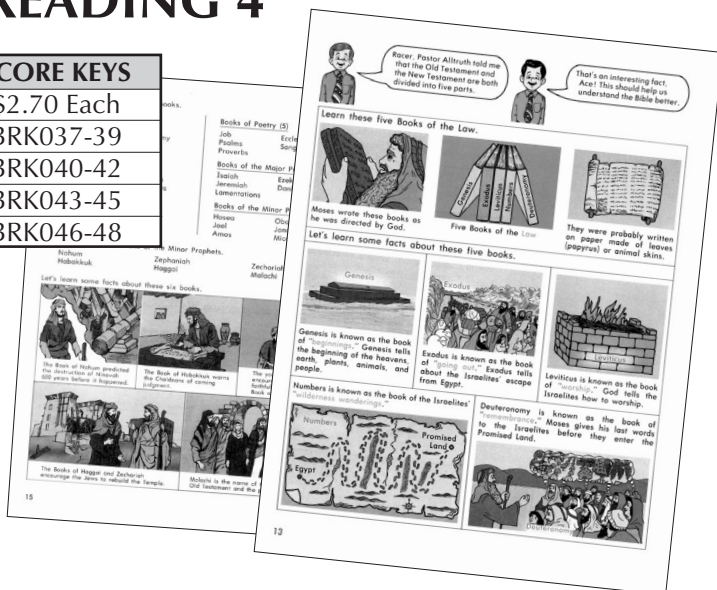
# 4

## GRADE FOUR

In Grade 4, the Books of Mark and Luke are read. The student continues studying the books of the Old Testament in sections: Law, History, Poetry, Major Prophets, and Minor Prophets. He continues answering questions about the Bible while learning more of its great character traits.

## BIBLE READING 4

| BIBLE READING 4 | SCORE KEYS  |
|-----------------|-------------|
| \$2.70 Each     | \$2.70 Each |
| BR037           | BRK037-39   |
| BR038           | BRK040-42   |
| BR039           | BRK043-45   |
| BR040           | BRK046-48   |
| BR041           |             |
| BR042           |             |
| BR043           |             |
| BR044           |             |
| BR045           |             |
| BR046           |             |
| BR047           |             |
| BR048           |             |

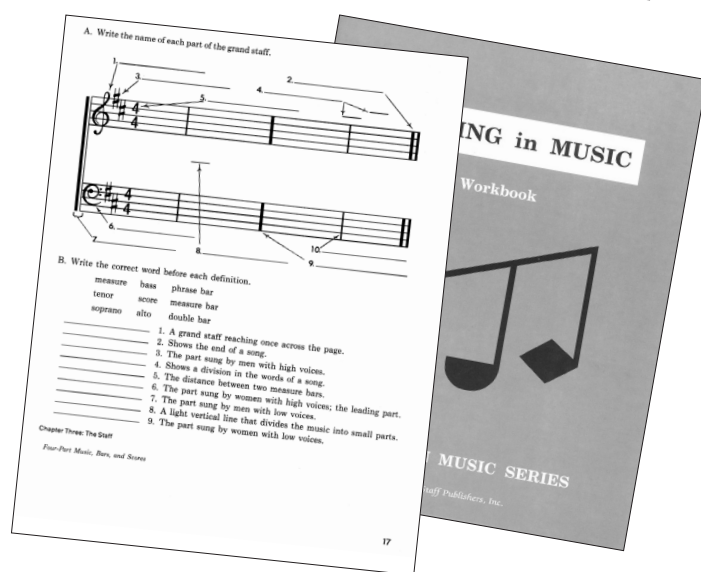


## MUSIC 4-5

**Growin in Music 4 & 5** *Growin in Music* consists of 4 books: student's textbook, workbook, test booklet, and teacher's manual. The textbook can be used for students who have had no prior music instructions. It teaches sound and tone properties, good singing habits, parts of the staff, the major diatonic scale, notes and rests, and rhythm. The back of the book contains exercises to help students learn the scale and simple rhythm patterns by sight-reading. Students learn to harmonize in parts with the section of rounds and two-part songs.

*Growin in Music* also has a 21-lesson workbook. The concepts taught in the textbook are drilled through exercises combined here. Flashcard and a test booklet are also available.

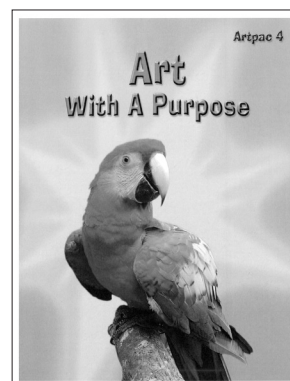
The practical directions of the teacher's manual can be easily followed by someone who has never taught music before. The lessons for conducting singing periods are clearly explained. The manual includes various drills and quizzes, and the answer keys for the study questions, workbooks, and tests. *Silver Gems in Song* contain the suggested songs for Grades 4 & 5.



## ART 4

**Artpac 4** This book builds upon the previous and teaches more advanced skills such as 3-D drawing and learning elementary perspective drawing.

**Artpac 4**  
ARAP4 • \$7.95



|          |                     |         |
|----------|---------------------|---------|
| MRS18510 | Pupil Book          | \$6.50  |
| MRS18511 | Workbook            | \$2.50  |
| MRS18591 | Teacher's Manual    | \$6.25  |
| MRS18521 | Tests               | \$1.75  |
| MRS18541 | Flash Cards         | \$10.50 |
| MRS6530  | Silver Gems in Song | \$ 4.50 |
| MRS6816  | Pitch Pipe          | \$16.50 |

## *Tips for Success*

Many students harbor **visual problems** that go undetected by a 20-20 eye exam. These visual problems can hamper or prevent a student's progress. Have your student examined by a Developmental Vision Specialist (sometimes known as a Behavioral Vision Specialist) if your student isn't reading well or is floundering in their work.

**Beginning readers** find it helpful to use a piece of construction paper or a book mark to show themselves where they are on a page. Eventually they will learn to go to the next line of text without a cue. This method also assists students with dyslexia.

Listen to your student **read aloud**. They should all be reading the Goal page in every new PACE and other pages as indicated in the instructions. Insist that your young students (generally 1st to 3rd grade level) read narratives and stories aloud to you. You will hear if they have trouble reading fluently, if they know how to read punctuation, if they comprehend what is being presented, and will strengthen their reading skills.

**Poor readers** will benefit from reading their PACEs aloud to you several times. Reading aloud helps students focus on content. New vocabulary words and sight words are better learned with repeated readings. An attitude of self-discipline and industry is internalized as a student applies themselves to re-reading a passage.

**Word Building success** is assured if your student will copy the words from the Goal page on a daily basis. This daily writing is to familiarize the student with the word. The student should say the word, spell it aloud as they write each letter, and say the word again when finished. Each word can be put on an individual 3x5 card for study.

**It will be restful** to both you and your student to have a start time, break times, a lunch time, and an end time to your day.

**Field trips** are a tonic to learning over all. They needn't be fancy or expensive. A trip to a bakery, the post office or fire department, a local family-run business, the library, historic sites, a museum, or an assembly plant are all possible outings. Get specific guidelines from the facility you wish to visit before you make concrete plans to avoid disappointing your student. You might want to join together with another home-schooling family/Christian school if a larger group would facilitate an outing.

**Definitions, formulas, and concepts** should be put on an individual 3x5 card as they are presented in the PACE and kept in a file box for future reference. Definitions for nouns, adverbs, adjectives, etc. for English, mathematical formulas, scientific concepts, and math vocabulary are all useful to have on hand as new subject matter is built upon in succeeding PACE work.

Place your hand over the hand of your student that is **learning to write** numbers and letters (especially w) that they may feel the motion and to "teach" their muscles how to complete a letter. They could also write the alphabet on bumpy wall paper or sand paper and then have the student trace the letters with their finger to feel it.

**Stock your learning center** with board games that apply the skills and information your students are learning.

# MATHEMATICS 5

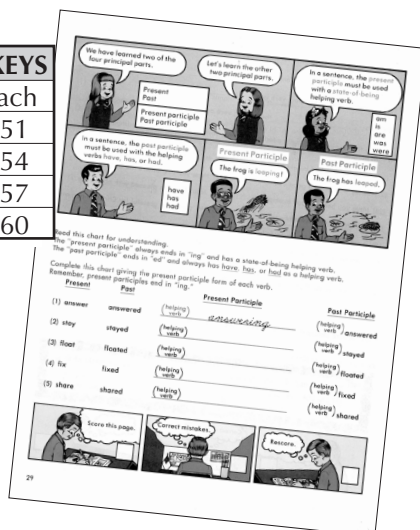
In Math 5, there is:

- ✓ Division with two-digit divisors
- ✓ Multiplication of three-digit numbers
- ✓ Addition, subtraction and multiplication of fractions
- ✓ Learning of decimals through thousandths' place
- ✓ Use of key words in solving word problems
- ✓ English and metric measurements
- ✓ Addition, subtraction and multiplication of dollars and cents

## ENGLISH 5

Grade 5 includes exercises and review of capitalization, punctuation, and sentence structure. The eight parts of speech are covered more extensively as well as synonyms, antonyms, homonyms, and heteronyms. The student learns sentence diagramming, agreement of subject and verb, conjugation, and sentence elements. Letter writing and dictionary work are also a part of this course.

| ENGLISH 5   | SCORE KEYS  |
|-------------|-------------|
| \$3.00 Each | \$3.00 Each |
| E049        | EK049-51    |
| E050        | EK052-54    |
| E051        | EK055-57    |
| E052        | EK058-60    |
| E053        |             |
| E054        |             |
| E055        |             |
| E056        |             |
| E057        |             |
| E058        |             |
| E059        |             |
| E060        |             |



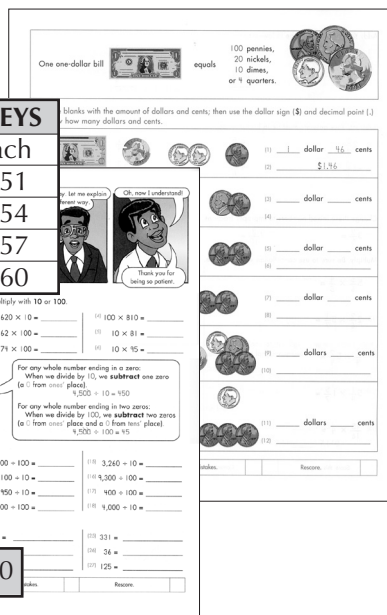
## MUSIC 4-5

**Growing in Music** Grades 4 and 5 ~ Though this textbook assumes that the pupil can recognize characters, such as notes, rests and clef signatures, it covers the simplest elements of music and can be used for those who have had no previous instruction. For full description, see the listing on page 20.

|          |                     |         |
|----------|---------------------|---------|
| MRS18510 | Pupil Book          | \$6.50  |
| MRS18511 | Workbook            | \$2.50  |
| MRS18591 | Teacher's Manual    | \$6.25  |
| MRS18521 | Tests               | \$1.75  |
| MRS18541 | Flash Cards         | \$10.50 |
| MRS6530  | Silver Gems in Song | \$ 4.50 |
| MRS6816  | Pitch Pipe          | \$16.50 |

| MATH 5      | SCORE KEYS  |
|-------------|-------------|
| \$3.00 Each | \$3.00 Each |
| M049        | MK049-51    |
| M050        | MK052-54    |
| M051        | MK055-57    |
| M052        | MK058-60    |
| M053        |             |
| M054        |             |
| M055        |             |
| M056        |             |
| M057        |             |
| M058        |             |
| M059        |             |
| M060        |             |

Math Speed Tests \$4.00



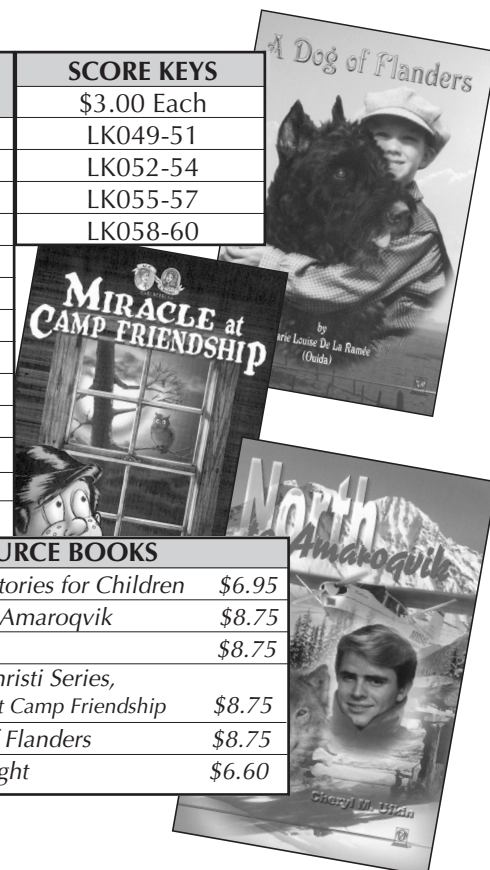
## LITERATURE & CREATIVE WRITING 5

Grade 5 teaches students more about setting, characters, plot, and order in short stories. Opportunities to paint word pictures with similes and metaphors are provided. Anagrams, analogies, and alliteration are also explored. Students practice reading, observing carefully, and considering facts to find conclusions.

| LIT. AND CREATIVE WRITING 5 | SCORE KEYS  |
|-----------------------------|-------------|
| \$3.00 Each                 | \$3.00 Each |
| L049                        | LK049-51    |
| L050                        | LK052-54    |
| L051                        | LK055-57    |
| L052                        | LK058-60    |
| L053                        |             |
| L054                        |             |
| L055                        |             |
| L056                        |             |
| L057                        |             |
| L058                        |             |
| L059                        |             |
| L060                        |             |












### RESOURCE BOOKS

|         |  |        |
|---------|--|--------|
| LR49-50 | Choice Stories for Children                      | \$6.95 |
| LR51-52 | North to Amaroqvik                               | \$8.75 |
| LR53-54 | Heidi  | \$8.75 |
| LR55-56 | Ace & Christi Series, Miracle at Camp Friendship | \$8.75 |
| LR57-58 | A Dog of Flanders                                | \$8.75 |
| LR59-60 | Star of Light                                    | \$6.60 |








## WORD BUILDING 5

This level focuses on American history in a decidedly biblical approach and sets forth relationships of social and economic development. The material includes systems of government, great leaders, wars, and current events affecting our world. United States map studies are also included.

| SOCIAL STUDIES 5 | SCORE KEYS  | circumference   | distribute   |
|------------------|-------------|---|--|
| \$3.20 Each      | \$3.20 Each | <br>sar • kum'fer • ans              | <br>dis • tri'b'it  |
| SS049            | SSBK049-51  | Reet  | Holland  |
| SS050            | SSBK052-54  | <br>riet                             | <br>hol'and         |
| SS051            | SSBK055-57  | plantation  | Portugal   |
| SS052            | SSBK058-60  | <br>plan • ta'shun                   | <br>por • cha • gal |
| SS053            |             | Line of Demarcation   | Spain  |
| SS054            |             | <br>lin • ov • de • mar • ka'shun    | <br>vin • ya        |
| SS055            |             | strait  | vessel   |
| SS056            |             | <br>south America Strait of Magellan | <br>ves'sel         |
| SS057            |             |   | Virginia   |
| SS058            |             |   | <br>united States   |
| SS059            |             |   |  |
| SS060            |             |   |  |

## WORD BUILDING 5

Your student will learn 50 spelling words in each PACE. Among these words are compound words, antonyms, names of countries and peoples, as well as rules for using suffixes. Your student will also gain practice in cursive handwriting.

| WORD BUILDING 5 | SCORE KEYS  |
|-----------------|---|
| \$3.20 Each     | \$3.20 Each   |
| W049            | WK049-51  |
| W050            | WK052-54  |
| W051            | WK055-57  |
| W052            | WK058-60  |
| W053            | (1) <i>basketball</i>   |
| W054            | ground  |
| W055            | port  |
| W056            | boat  |
| W057            | day   |
| W058            | room  |
| W059            | (2)  |
| W060            | (3)  |
|                 | (4)  |
|                 | (5)  |
|                 | (6)  |

## SCIENCE 5

Basic earth science principles captivate the student's interest in molecular and atomic theories; friction, heat, and gravity; and expansion and contraction. There is a study of geology, chemistry, aviation and aerodynamics, zoology, meteorology, sound, and botany.

| SCIENCE 5   | SCORE KEYS  |
|-------------|-------------|
| \$3.20 Each | \$3.20 Each |
| S049        | SK049-51    |
| S050        | SK052-54    |
| S051        | SK055-57    |
| S052        | SK058-60    |
| S053        |             |
| S054        |             |
| S055        |             |
| S056        |             |
| S057        |             |
| S058        |             |
| S059        |             |
| S060        |             |

## BIBLE READING 5

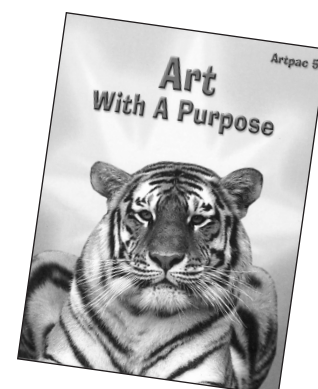
In Grade 5, the books of Genesis, Exodus, and Acts are read and he begins reading the book of Psalms. He continues answering questions about the Bible while focusing on Godly character traits.

| BIBLE READING 5 | SCORE KEYS  |
|-----------------|-------------|
| \$3.20 Each     | \$3.20 Each |
| BR049           | BRK049-51   |
| BR050           | BRK052-54   |
| BR051           | BRK055-57   |
| BR052           | BRK058-60   |
| BR053           |             |
| BR054           |             |
| BR055           |             |
| BR056           |             |
| BR057           |             |
| BR058           |             |
| BR059           |             |
| BR060           |             |

## ART 5

**Artpac 5** Your student learns advanced shading techniques, lettering, and how to reproduce pictures with the grid method. He will mix, paint, and blend watercolors, and create perspective and free-hand drawings.

**Artpac 5**  
ARAP5 • \$7.95



# MATHEMATICS 6

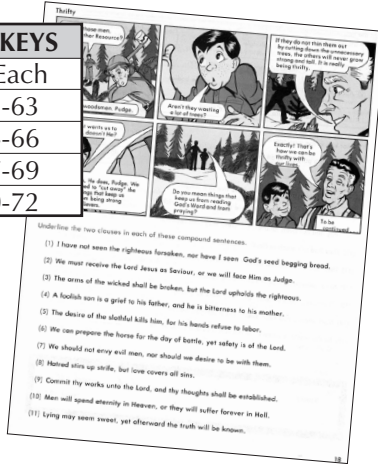
In Math 6, each PACE has interactive instructions that will aid students in learning and mastering new material and concepts before they begin the activities. Practice and review will help students build essential mathematical skills.

- ✓ Reviews basic arithmetic concepts
- ✓ Introduces new concepts, properties and identities
- ✓ Reinforces fraction, percent and decimal relationships
- ✓ Builds thinking, reasoning and problem-solving skills
- ✓ Develops pre-algebra and geometry skills
- ✓ Expands ratios, probabilities and graphs

## ENGLISH 6

The student continues studying grammar concepts and developing skills in sentence diagramming. There is special emphasis on sentence patterns, clauses, and kinds of sentences. The material reviews punctuation, outlining, letter writing, and paragraph structure and writing. The student learns to express himself clearly and must apply principles of composition learned earlier.

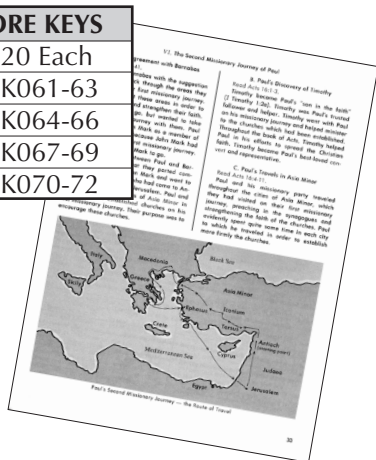
| ENGLISH 6   | SCORE KEYS  |
|-------------|-------------|
| \$3.00 Each | \$3.00 Each |
| E061        | EK061-63    |
| E062        | EK064-66    |
| E063        | EK067-69    |
| E064        | EK070-72    |
| E065        |             |
| E066        |             |
| E067        |             |
| E068        |             |
| E069        |             |
| E070        |             |
| E071        |             |
| E072        |             |



## SOCIAL STUDIES 6

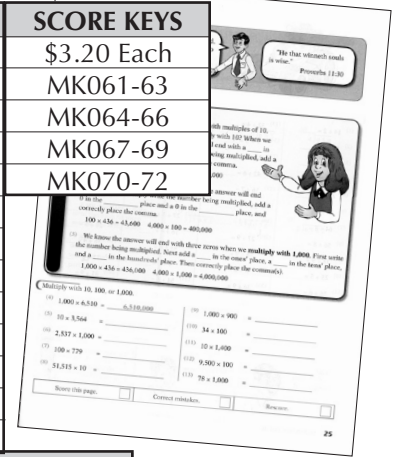
The student studies history from Adam through the Great Awakening. The course includes an introduction to Bible, early Church, and Reformation leaders.

| SOCIAL STUDIES 6 | SCORE KEYS  |
|------------------|-------------|
| \$3.20 Each      | \$3.20 Each |
| SS061            | SSBK061-63  |
| SS062            | SSBK064-66  |
| SS063            | SSBK067-69  |
| SS064            | SSBK070-72  |
| SS065            |             |
| SS066            |             |
| SS067            |             |
| SS068            |             |
| SS069            |             |
| SS070            |             |
| SS071            |             |
| SS072            |             |



| MATH 6      | SCORE KEYS  |
|-------------|-------------|
| \$3.20 Each | \$3.20 Each |
| M061        | MK061-63    |
| M062        | MK064-66    |
| M063        | MK067-69    |
| M064        | MK070-72    |
| M065        |             |
| M066        |             |
| M067        |             |
| M068        |             |
| M069        |             |
| M070        |             |
| M071        |             |
| M072        |             |

Math Speed Tests \$4.00



## LITERATURE & CREATIVE WRITING 6

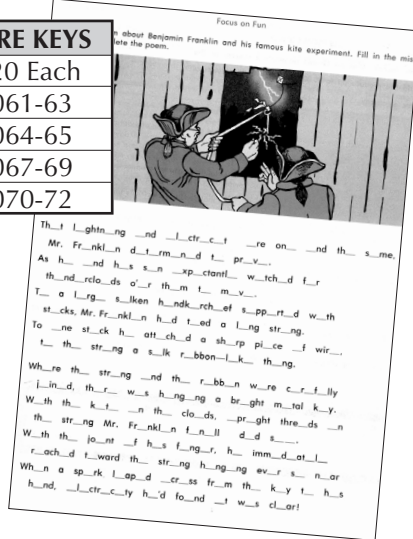
As students complete Level 6, they will read *The Fugitive King*, *Christians With Courage*, *Alexi's Secret Mission*, *Grandpa's Christmas Gift*, *Little Pilgrim's Progress*, and *Treasures of the Snow*. In conjunction with their reading, students will learn and practice many new and useful writing skills. From literary illustrations, they will be guided to use various literary devices and write original paragraphs of summary; comparison and contrast; cause and effect; fact and opinion; and exposition, description, persuasion and narration. They will also see how such paragraphs develop into larger literary works and, then, use these different formats in their writing of essays. Biographies and autobiographies along with the writing of news stories are also part of this course.

| LIT. AND CR. WRITING 6 | SCORE KEYS  | RESOURCE BOOKS                                |
|------------------------|-------------|---|
| \$3.20 Each            | \$3.20 Each |   |
| L061                   | LK061-63    | LR61-62 <i>The Fugitive King</i> 6.45         |
| L062                   | LK064-66    | LR63-64 <i>Christians with Courage</i> 6.55   |
| L063                   | LK067-69    | LR65-66 <i>Alexi's Secret Mission</i> 7.65    |
| L064                   | LK070-72    | LR67-68 <i>Grandpa's Christmas Gift</i> 8.75  |
| L065                   |             | LR69-70 <i>Little Pilgrim's Progress</i> 9.50 |
| L066                   |             | LR71-72 <i>Treasures of the Snow</i> 6.60     |
| L067                   |             |   |
| L068                   |             |   |
| L069                   |             |   |
| L070                   |             |   |
| L071                   |             |   |
| L072                   |             |   |

## SCIENCE 6

More details and in-depth studies of subject matter previously presented includes: chemistry, light and electricity, and magnets and magnetism. Students also study the central nervous system, skeletal and muscular systems, internal organs, and the germ theory of disease.

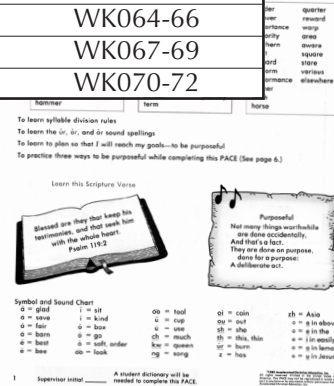
| SCIENCE 6   | SCORE KEYS  |
|-------------|-------------|
| \$3.20 Each | \$3.20 Each |
| S061        | SK061-63    |
| S062        | SK064-65    |
| S063        | SK067-69    |
| S064        | SK070-72    |
| S065        |             |
| S066        |             |
| S067        |             |
| S068        |             |
| S069        |             |
| S070        |             |
| S071        |             |
| S072        |             |



## WORD BUILDING 6

Your student will learn 65 spelling words in each PACE as he learns to utilize the dictionary. Among these words are homonyms, words with more than one definition, and easily confused words. Students also will learn to identify root words and learn how suffixes show tenses.

| WORD BUILDING 6 | SCORE KEYS  |
|-----------------|-------------|
| \$3.20 Each     | \$3.20 Each |
| W061            | WK061-63    |
| W062            | WK064-66    |
| W063            | WK067-69    |
| W064            | WK070-72    |
| W065            |             |
| W066            |             |
| W067            |             |
| W068            |             |
| W069            |             |
| W070            |             |
| W071            |             |
| W072            |             |



6

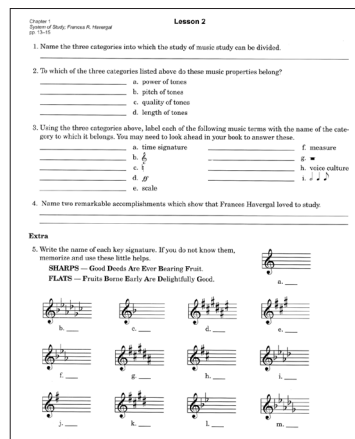
GRADE SIX

## MUSIC 6-7

Developing in Music

Grades 6 and 7 ~

This book explains the rudiments of music, including sight-reading exercises, three-part songs, and a glossary. For a full description, see the listing on page 28.



## BIBLE READING 6

The student reads and answers questions on:

- OT historical books  
Leviticus through 1 Samuel.
- OT wisdom books Ps. 35-73 and Prov. 1-15.
- NT doctrinal books  
Romans through Ephesians.

He will learn interesting Bible facts and answer thought-provoking questions regarding various Scripture passages. He will also learn 12 character traits and memorize an OT and NT Scripture verse for each trait.

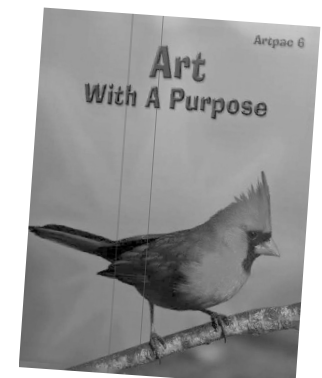
| BIBLE 6     | SCORE KEYS  |
|-------------|-------------|
| \$3.20 Each | \$3.20 Each |
| BR061       | BRK061-63   |
| BR062       | BRK064-66   |
| BR063       | BRK067-69   |
| BR064       | BRK070-72   |
| BR064       |             |
| BR065       |             |
| BR066       |             |
| BR067       |             |
| BR068       |             |
| BR069       |             |
| BR070       |             |
| BR071       |             |
| BR072       |             |

|          |                  |         |
|----------|------------------|---------|
| MRS18601 | Pupil Book       | \$6.50  |
| MRS18621 | Workbook         | \$2.50  |
| MRS18691 | Teacher's Manual | \$6.00  |
| MRS18611 | Tests            | \$1.75  |
| MRS6076  | Christian Hymnal | \$11.50 |
| MRS6816  | Pitch Pipe       | \$16.50 |

## ART 6

**Artpac 6** This book teaches skills with color pencils as he continues to advance his shading techniques, lettering, and reproducing pictures with the grid method. He continues to mix, paint, and blend watercolors, as well as perspective draw, draw faces, and free-hand draw.

**Artpac 6**  
ARAP6 • \$7.95



# MATHEMATICS 7

In this grade level, the student will learn:

- ✓ To review standard notation, exponents, fractions, and mixed numbers.
- ✓ To review the properties for addition and multiplication and learn the distributive property.
- ✓ To write and solve equations.
- ✓ To learn about perfect squares, square roots, and inequalities.
- ✓ To learn to use data (including use of probability, permutations, and combinations).
- ✓ To learn and use basic math functions with positive and negative integers.
- ✓ To define sets and draw Venn diagrams.
- ✓ To use the distance formula to solve problems for distance, rate, and time.
- ✓ To review the use of percents in relation to decimals and fractions.
- ✓ To review basic geometric concepts, construct geometric designs, and study prisms.
- ✓ To review polygons and use formulas to calculate perimeter, area, and surface area.
- ✓ To learn basic concepts dealing with finance.
- ✓ To learn, compare, and use the English system of length, weight, and volume.
- ✓ To convert Fahrenheit to Celcius and Celcius to Fahrenheit.

(14) For point for house - one deposit of \$231.52.

|                     |                                |                     |
|---------------------|--------------------------------|---------------------|
| No. _____           | Mr. or Mrs. D. B. Virtueson    | 1321                |
| Date _____ 19 ____  | 881 Bennett Lane               |                     |
| To _____            | Any Town, U.S.A. 00000         | March 18 19 77      |
| For _____           | Pay to the                     |                     |
| Balance _____ 57.13 | Order of Jones Point Supply    | \$ 112.57           |
| Deposit _____       | One hundred twelve and 100/100 | Dollars             |
| Total _____         | Exchange Central Bank          |                     |
| This check _____    | 1 Main Street                  | Mr. D. B. Virtueson |
| Balance _____       | Any Town, U.S.A. 00000         | 09-555-8            |

| MATH 7                  | SCORE KEYS             |
|-------------------------|------------------------|
| \$3.20 Each             | \$3.20 Each            |
| M073                    | MK073-75               |
| M074                    | MK076-78               |
| M075                    | MK079-81               |
| M076                    | MK082-84               |
| M077                    |                        |
| M078                    | C. E. Upright          |
| M079                    | 70311 Marsh Lane       |
| M080                    | Any Town, U.S.A. 00000 |
| M081                    | Pay to the             |
| M082                    | Order of _____         |
| M083                    | \$ _____               |
| M084                    | Dollars                |
|                         | National Bank          |
|                         | 87118 Jupiter Street   |
|                         | Any Town, U.S.A. 00000 |
|                         | C. E. Upright          |
|                         | 13                     |
|                         | 18-596-1               |
| Math Speed Tests \$4.00 |                        |

## ENGLISH 7

Students continue to work at identifying, reviewing, and diagraming simple, compound, and complex sentence patterns. They review principal parts of regular and irregular verbs. Verb study involves perfect tenses as well as conjugation of all six tenses. Progressive verb forms, troublesome verbs, transitive and intransitive verbs are studied as well. Noun and pronoun study becomes more intense. Infinitives, participles, and gerunds are introduced. There is opportunity to develop writing and communication skills through use of sentence variety, outlining, paragraph writing, composition writing, and proofreading.

| ENGLISH 7   | SCORE KEYS  |
|-------------|-------------|
| \$3.00 Each | \$3.00 Each |
| E073        | EK073-75    |
| E074        | EK076-78    |
| E075        | EK079-81    |
| E076        | EK082-84    |
| E077        |             |
| E078        |             |
| E079        |             |
| E080        |             |
| E081        |             |
| E082        |             |
| E083        |             |
| E084        |             |

## SOCIAL STUDIES 7

Young teens are beginning to think about career choices, but they need guidance. In six PACEs, students are introduced to 55 professions and vocations. They learn what skills and talents are involved in each, and what preparation is needed to enter each field. Presented in an enjoyable format, this course encourages students to begin seeking God's place for them in life. **(The second half of this level allows for the appropriate state history course.)**

| SOCIAL STUDIES 7 |
|------------------|
| \$3.20 Each      |
| SS073            |
| SS074            |
| SS075            |
| SS076            |
| SS077            |
| SS078            |
| SCORE KEYS       |
| SSK073-75        |
| SSK076-78        |

VIII. Printer

A. Duties of a Printer

very carefully at the printing on this page. It is written by hand? Notice how the letters are, and how straight the line is. Is your writing this uniform and all the time? Perhaps we all could be better handwriting. However, all the can be made readable and uniform, be kept in straight lines all the time using guides.

These plates are pressed against paper, and the result is a page like the one you are now reading. Printers operate printing presses to produce newspapers, magazines, and other material that is seen or read. Printers use ink, paper, paper cutters, planimeters, large cameras, and even computers. In addition to determining the appearance of printed material, they make sure machines are properly used and maintained, and that the finished product is the best quality.

Some printers make use of modern computer-controlled presses, which produce top-quality material.

A printing press

Computer controlled press

Fill in the blanks with the correct answers.

(1) In order to print, metal \_\_\_\_\_ with the desired print and pictures are made.

(2) The inked plates are \_\_\_\_\_ and the result is a page like the one you are now reading.

(3) Printers operate \_\_\_\_\_ to produce newspapers, magazines, and other material that is seen or read.

(4) What are six things that printers use?

(5) Some printers make use of modern \_\_\_\_\_ which produce top-quality material.

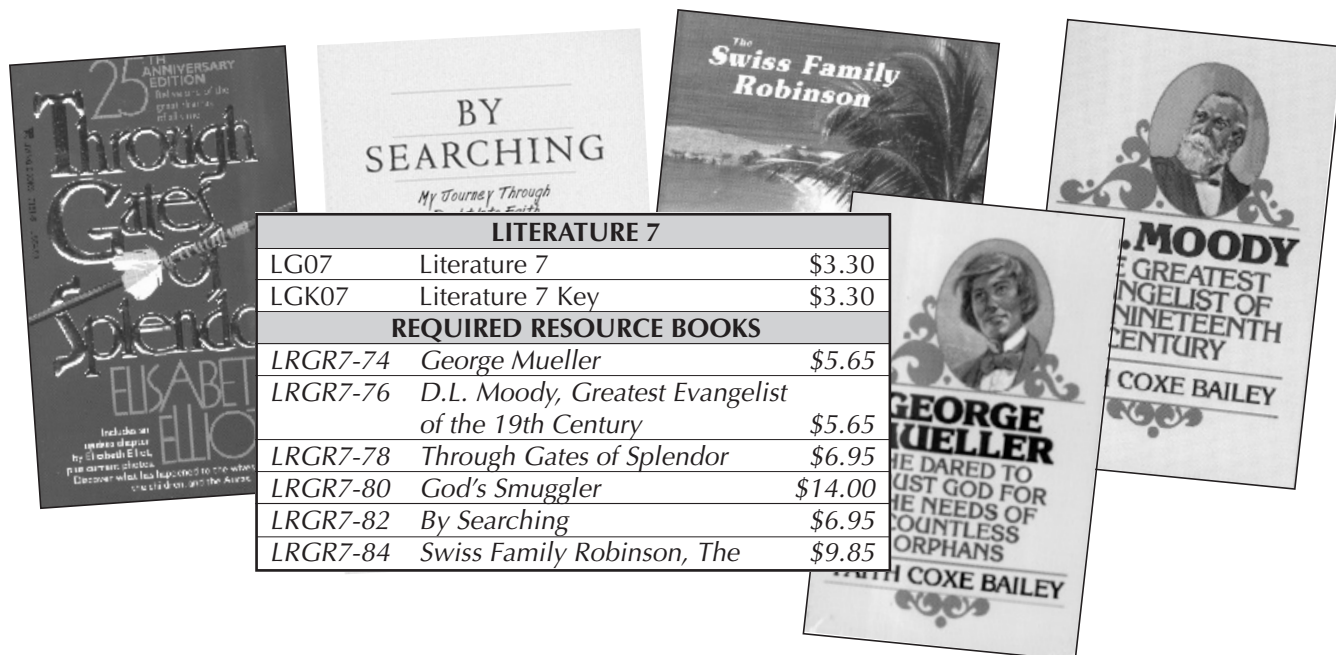
Score pages: 26, 29, and 30. Correct mistakes. Review.

(twenty) 30

## GRADE SEVEN

## LITERATURE 7

The Literature 7 study guides are issued in conjunction with odd-numbered English PACes. The study guides include comprehension questions, a test, and a composition assignment for each book in the series.

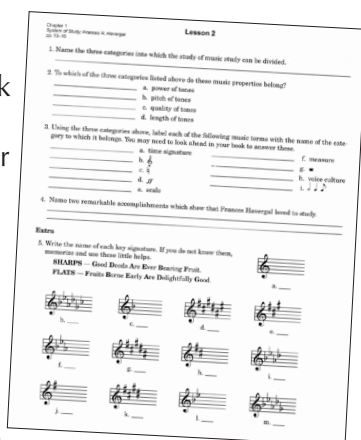


| LITERATURE 7            |   |         |
|-------------------------|---|---------|
| LG07                    | Literature 7  | \$3.30  |
| LGK07                   | Literature 7 Key                                    | \$3.30  |
| REQUIRED RESOURCE BOOKS |   |         |
| LRGR7-74                | George Mueller                                      | \$5.65  |
| LRGR7-76                | D.L. Moody, Greatest Evangelist of the 19th Century | \$5.65  |
| LRGR7-78                | Through Gates of Splendor                           | \$6.95  |
| LRGR7-80                | God's Smuggler                                      | \$14.00 |
| LRGR7-82                | By Searching  | \$6.95  |
| LRGR7-84                | Swiss Family Robinson, The                          | \$9.85  |

## MUSIC 6-7

### Developing in Music Grades 6 and 7 ~

Developing in Music consists of four books: pupil's textbook, workbook, test booklet, and teacher's manual. The pupil's textbook explains the rudiments of music. Concepts reviewed or taught include the staff and its parts, accidentals, the major and minor diatonic scales, the chromatic scale, key signatures, note values, measure structure, and expressive singing. In addition, the appendix gives sight-reading exercises, three-part songs, and a glossary. The teacher's manual divides the work into 30 lessons and gives practical help for teaching the music class. Suggested songs that relate to the lessons may be found in the Christian Hymnal.

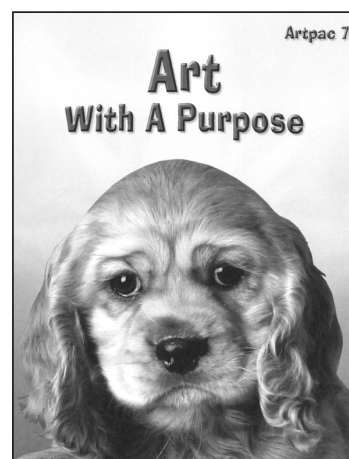


|          |                  |         |
|----------|------------------|---------|
| MRS18601 | Pupil Book       | \$6.50  |
| MRS18621 | Workbook         | \$2.50  |
| MRS18691 | Teacher's Manual | \$6.00  |
| MRS18611 | Tests            | \$1.75  |
| MRS6076  | Christian Hymnal | \$11.50 |
| MRS6816  | Pitch Pipe       | \$16.50 |

## ART 7

**Artpac 7** Advanced shading using soft lead color pencils, advanced grid drawing, including accurate enlargement and reduction, are taught in this book. He will also learn attractive calligraphy and shaded drawings of birds. This book includes full-color instructive lessons for advanced painting.

**Artpac ARAP7 • \$7.95**



# ART WITH A PURPOSE

## Art With A Purpose

This is an elementary art course designed in simple, step-by-step lessons for children in grades 1-8.

Thirty-six well planned lessons for each grade, with art sheets, directions, examples, and materials needed list. It's all ready to go. And you do not need to be an accomplished artist to teach it! Teacher's instructions are included in each Artpac.

### Artpac 1

This book teaches simple coloring and drawing skills, and has color-by-number and cutting and pasting activities.

ARAP1 Artpac 1 \$7.95

### Artpac 2

Simple coloring skills, cutting and pasting activities, thumbprint pictures, step-by-step drawing, making people out of stick figures, and basic perspective drawing is introduced in this book.

ARAP2 Artpac 2 \$7.95

### Artpac 3

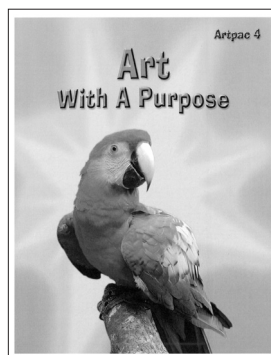
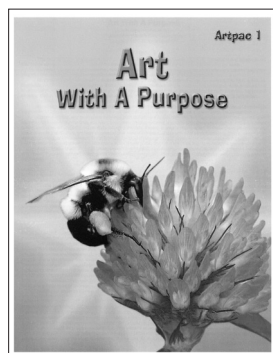
This book has more coloring skills, shading, and simple shape drawing, as well as drawing faces, simple grid drawing and painting.

ARAP3 Artpac 3 \$7.95

### Artpac 4

This book builds upon the previous and teaches more advanced skills such as 3-D drawing and learning elementary perspective drawing.

ARAP4 Artpac 4 \$7.95



### Artpac 5

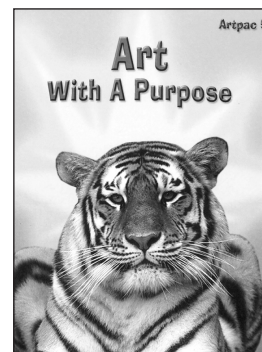
Your student learns advanced shading techniques, lettering, and how to reproduce pictures with the grid method. He will mix, paint, and blend watercolors and create perspective and free-hand drawings.

ARAP5 Artpac 5 \$7.95

### Artpac 6

This book teaches skills with color pencils as he continues to advance his shading techniques, lettering, and reproducing pictures with the grid method. He continues to mix paint and blend watercolors, as well as perspective draw, draw faces and free-hand draw.

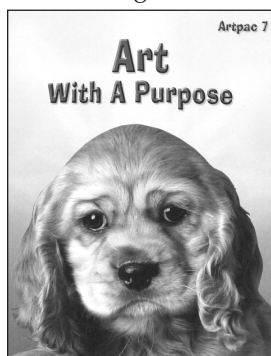
ARAP6 Artpac 6 \$7.95



### Artpac 7

Advanced shading using soft lead color pencils, advanced grid drawing, including accurate enlargement and reduction, are taught in this book. He will also learn attractive calligraphy and shaded drawings of birds. This book includes full-color instructive lessons for advanced painting.

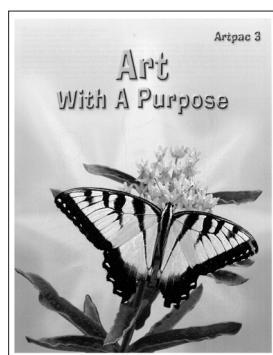
ARAP7 Artpac \$7.95



### Artpac 8

This book teaches various techniques of illustration with pen and ink drawings. It includes instruction in the following art skills: silhouettes, creating a fuzzy effect or woodgrain, crosshatching, and stippling.

ARAP8 Artpac 8 \$7.95



ART

# MATHEMATICS 8

In Math 8, the student achieves mastery in:

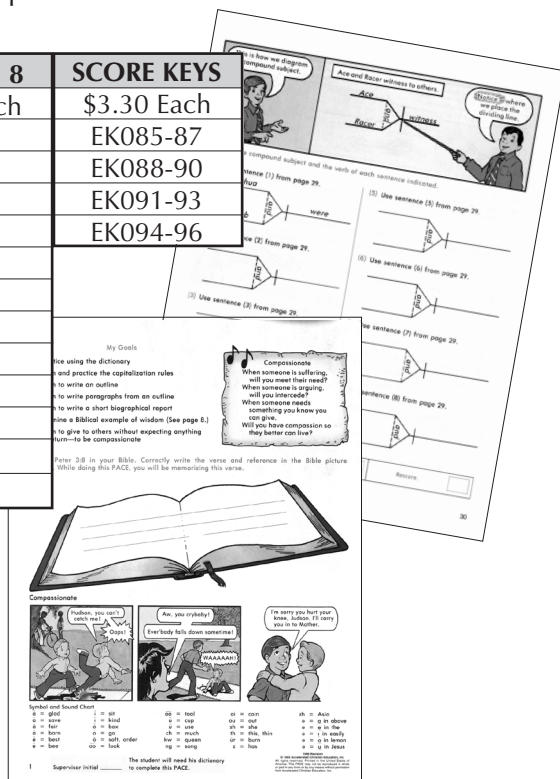
- ✓ Using formulas
- ✓ Solving equations
- ✓ Finding volume and surface areas of solid figures-prisms, cylinders, pyramids, cones, and spheres
- ✓ Basic geometry and geometric vocabulary- points, angles, etc.
- ✓ Tables and graphs - their preparation and use
- ✓ Rates, time, and distance
- ✓ Use of Pythagorean Theorem-using right triangles to find height and distance, finding hypotenuse of a right triangle
- ✓ Square roots
- ✓ Use of positive and negative numbers

Application of learned knowledge comes through a more advanced study of banking, tax investments, mortgages, real estate (land and buildings), stocks and bonds, federal and sales taxes, and insurance (premiums and policies).

## ENGLISH 8

Sentence patterns and parts continue to be emphasized. Action and linking verbs are reviewed, as well as verb tenses, conjugations, the progressive form, and the emphatic mood. Diagraming concentrates on pronouns, adjectives, adverbs, prepositional phrases, and sentence patterns. The student continues to develop writing skills, which include topic sentences, outlining, and paragraph development. He learns to recognize sentence fragments and run-on sentences and is guided in writing several short biographical sketches.

| ENGLISH 8   | SCORE KEYS  |
|-------------|-------------|
| \$3.30 Each | \$3.30 Each |
| E085        | EK085-87    |
| E086        | EK088-90    |
| E087        | EK091-93    |
| E088        | EK094-96    |
| E089        |             |
| E090        |             |
| E091        |             |
| E092        |             |
| E093        |             |
| E094        |             |
| E095        |             |
| E096        |             |



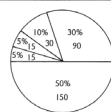
| MATH 8      | SCORE KEYS  |
|-------------|-------------|
| \$3.30 Each | \$3.30 Each |
| M085        | MK085-87    |
| M086        | MK088-90    |
| M087        | MK091-93    |
| M088        | MK094-96    |
| M089        |             |
| M090        |             |
| M091        |             |
| M092        |             |
| M093        |             |
| M094        |             |
| M095        |             |
| M096        |             |

(2) What is the rate of speed of a turtle that walks 72 cm. in 12 minutes?

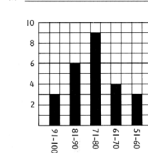
(3) How many hours would it take to drive from Portland, Oregon, to Miami, Florida, (3,540 miles) at a rate of 30 miles/hour?

Name the following graphs.

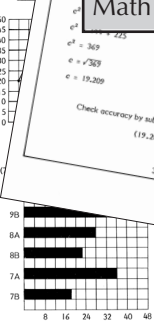
(a)



(b)



(c)

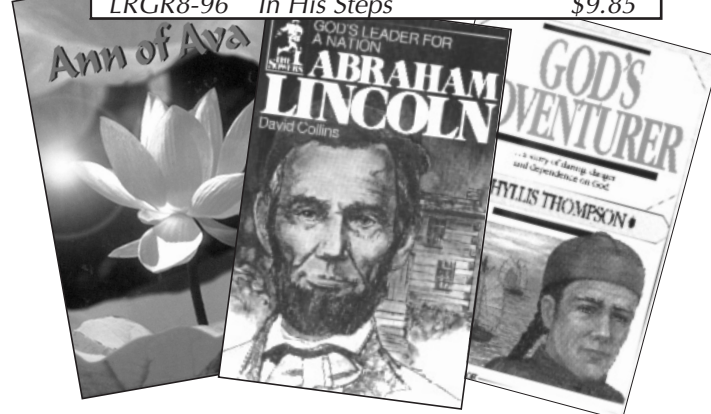


Math Speed Tests \$4.00

## LITERATURE 8

The Literature 8 study guides are issued in conjunction with odd-numbered English PACEs. The study guides include comprehension questions, a test, and a composition assignment for each book in the series.

| LITERATURE 8            |                            |        |
|-------------------------|----------------------------|--------|
| LG08                    | Literature 8 PACE          | \$3.30 |
| LGK08                   | Literature 8 Key           | \$3.30 |
| REQUIRED RESOURCE BOOKS |                            |        |
| LRGR8-86                | God's Adventurer           | \$7.45 |
| LRGR8-88                | Little One, Maid of Israel | \$9.85 |
| LRGR8-90                | When Science Fails         | \$6.55 |
| LRGR8-92                | Abraham Lincoln            | \$7.75 |
| LRGR8-94                | Ann of Ava                 | \$9.85 |
| LRGR8-96                | In His Steps               | \$9.85 |



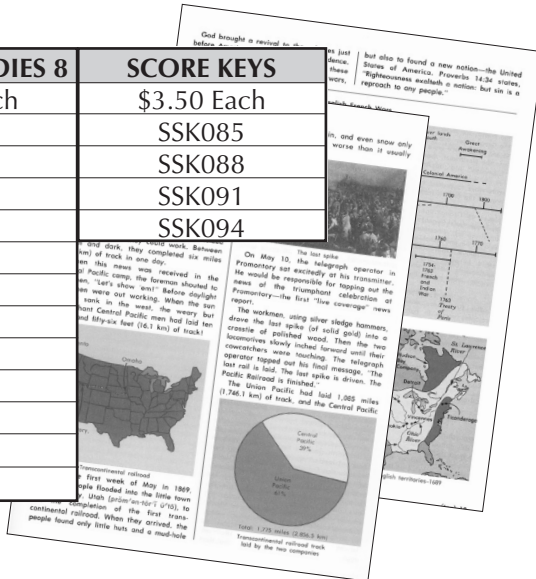
# SOCIAL STUDIES 8

What was it like to be a sailor on one of Columbus' ships, to be a slave during the War Between the States, or to be the first man to step onto the surface of the moon? History seems to come alive with the "You are there" vignettes in this course. Historical facts are presented in a way that personally involves the student in the exciting events in American history. Understanding of the subject matter is enhanced with timelines, maps, and activity questions that require an understanding of the concepts and interpretation, as well as memorization of facts.

| SOCIAL STUDIES 8 |
|------------------|
| \$3.50 Each      |
| SS085            |
| SS086            |
| SS087            |
| SS088            |
| SS089            |
| SS090            |
| SS091            |
| SS092            |
| SS093            |
| SS094            |
| SS095            |
| SS096            |

## SCORE KEYS

|             |
|-------------|
| \$3.50 Each |
| SSK085      |
| SSK088      |
| SSK091      |
| SSK094      |

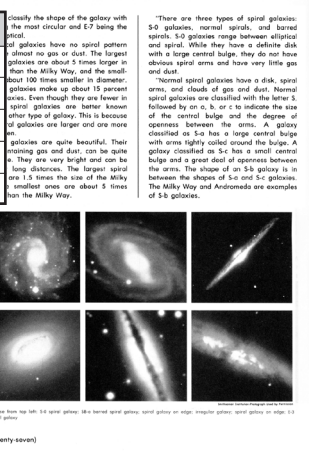


# SCIENCE 8

These earth science PACEs introduce specific areas of study such as astronomy, volcanology, topography, oceanography, meteorology, and mineralogy with proofs of the Creation. Students learn about the perfection of God's design for the universe. Weather science is a fascinating study as a part of this curriculum.

| SCIENCE 8   | SCORE KEYS  |
|-------------|-------------|
| \$3.50 Each | \$3.50 Each |
| S085        | SK085-87    |
| S086        | SK088-90    |
| S087        | SK091-93    |
| S088        | SK094-96    |
| S089        |             |
| S090        |             |
| S091        |             |
| S092        |             |
| S093        |             |
| S094        |             |
| S095        |             |
| S096        |             |

As they were sitting lunch, Peter asked, "Did you fellows hear about one spy plane that..."



# WORD BUILDING 8

Your student will learn 65 spelling words in each PACE as he continues to use the dictionary as a study tool. Among these words are homonyms, antonyms, commonly misspelled words, Greek word parts, and words of Spanish and French origin. Wise sayings that illustrate spelling rules are used throughout each PACE.

## WORD BUILDING 8

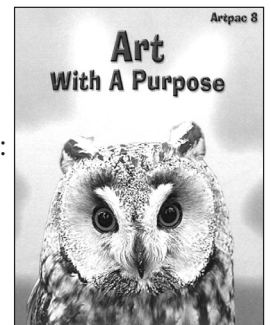
| \$3.50 Each |
|-------------|
| W085        |
| W086        |
| W087        |
| W088        |
| W089        |
| W090        |
| W091        |
| W092        |
| W093        |
| W094        |
| W095        |
| W096        |
| SCORE KEYS  |
| \$3.50 Each |
| WK085-87    |
| WK088-90    |
| WK091-93    |
| WK094-96    |

# ART 8

## Artpac 8

This book teaches various techniques of illustration with pen and ink drawings. It includes instruction in the following art skills: silhouettes, creating fuzzy effects or wood graining, crosshatching, and stippling.

ARAP8 Artpac 8 • \$7.95



# MUSIC 8

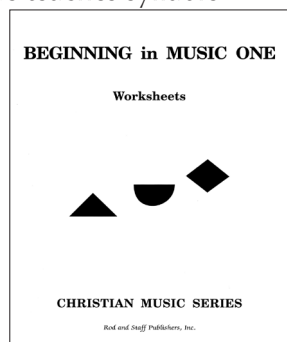
*Maturing in Music*, designed to follow *Developing in Music*, is set up in 5 units divided into 24 lessons. This book is written in a textbook-workbook combination where students will write their answers, providing them with their own music reference source. He will review and strengthen the concepts taught in the lower levels, as well as learn about characteristics of worthy hymn lyrics and church music, transposition keys, reading round notes, the minor and pentatonic scales, notation of rhythm, dynamics, and song interpretation. The teacher's manual provides oral reviews, drills, lesson outlines, and teacher helps. Reduced copies of each student page with the answers filled in are included and additional notes of interest are given in the margins.

The *Church Hymnal* contains songs that relate to the lessons.

|           |                  |         |
|-----------|------------------|---------|
| MRS188012 | Pupil Book       | \$6.50  |
| MRS188912 | Teacher's Manual | \$ 6.00 |
| MRS188112 | Tests            | \$1.75  |
| MRS6088   | Church Hymnal    | \$14.95 |
| MRS6816   | Pitch Pipe       | \$16.50 |

**Grade 1**

**Beginning in Music One** teaches syllable shapes and kinds of notes. A particular color has been ascribed to each syllable shape, which expresses the general feeling of that tone. Recognition of shapes and their names are drilled in various ways throughout this set of 32 perforated worksheets, and later drill the different kinds of notes and their tone lengths.



**MRS18110** Pupil/Teacher's Guide \$3.50

**Grade 2**

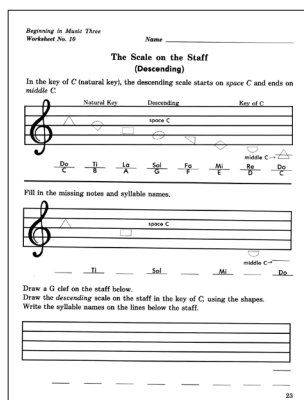
**Beginning in Music Two** is a set of 36 perforated worksheets, which review and drill syllable shapes and kinds of tones. Students advance and learn to draw shaped notes and characters showing note values, as well as how to draw and label rests. He will be drilled in writing the names and values of the notes.

Some musical ideas to use in developing the student's diatonic feeling are suggested in the teacher's guide for Grade 2.

**MRS18210** Pupil/Teacher's Guide \$3.50

**Grade 3**

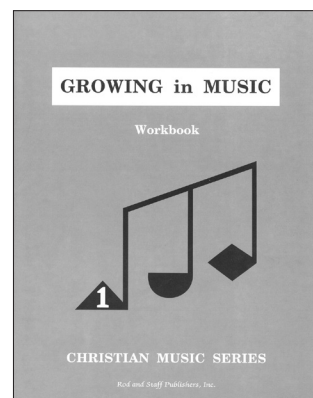
**Beginning in Music Three** is a set of 36 perforated worksheets preparing students for **Growing in Music, Book-One** by reviewing note shapes, note values and rests. Grade 3 teaches various musical terms in a simple manner such as the scale, the staff, lines, spaces, and measures. Accidentals are introduced in the last 9 lessons. The Grade 3 teacher's guide encourages spending considerable time developing the students' vocal abilities. Musical ideas, scale drills, and individual singing of the scale are various methods taught.



**MRS18310** Pupil/Teacher's Guide \$3.50

**MUSIC**

**Grades 4 & 5 Growing in Music** consists of 4 books: student's textbook, workbook, test booklet, and teacher's manual. The textbook can be used for students who have had no prior music instructions. It teaches sound and tone properties, good singing habits, parts of the staff, the major diatonic scale, notes and rests, and rhythm. The back of the book contains exercises to help students learn the scale and simple rhythm patterns by sight-reading. Students learn to harmonize in parts with the section of rounds and two-part songs.



**Growing in Music** also has a 21-lesson workbook. The concepts taught in the textbook are drilled through exercises combined here.

Flashcard and a test booklet are also available.

The practical directions of the teacher's manual can be easily followed by someone who has never taught music before. The lessons for conducting singing periods are clearly explained. The manual includes various drills and quizzes, and the answer keys for the study questions, workbooks, and tests. **Silver Gems in Song** contain the suggested songs for Grades 4 & 5.

**Growing in Music 4 & 5**

|                 |                     |         |
|-----------------|---------------------|---------|
| <b>MRS18510</b> | Pupil Book          | \$6.50  |
| <b>MRS18511</b> | Workbook            | \$2.50  |
| <b>MRS18591</b> | Teacher's Manual    | \$6.25  |
| <b>MRS18521</b> | Tests               | \$1.75  |
| <b>MRS18541</b> | Flash Cards         | \$10.50 |
| <b>MRS6530</b>  | Silver Gems in Song | \$ 4.50 |
| <b>MRS6816</b>  | Pitch Pipe          | \$16.75 |

# MUSIC

## Grades 6 & 7

### Developing in Music

consists of 4 books: student's textbook, workbook, test booklet, and teacher's manual. The rudiments of music taught in the textbook include: the staff and its parts, accidentals, the major and minor diatonic scales, the chromatic scale, key signatures, note values, measure structure, and expressive singing. The appendix gives sight-reading exercises, three-part songs, and a glossary.

The workbook has additional drills to reinforce the concepts the student textbook teaches.

The teacher's manual divides the work into 30 lessons and offers practical help for teaching the music class. The **Christian Hymnal** contains songs that relate to the lessons.

### Developing in Music 6 & 7

|                 |                  |         |
|-----------------|------------------|---------|
| <b>MRS18601</b> | Pupil Book       | \$6.50  |
| <b>MRS18621</b> | Workbook         | \$2.50  |
| <b>MRS18691</b> | Teacher's Manual | \$6.00  |
| <b>MRS18611</b> | Tests            | \$1.75  |
| <b>MRS6076</b>  | Christian Hymnal | \$11.50 |
| <b>MRS6816</b>  | Pitch Pipe       | \$16.75 |

## Silver Gems in Song

**Silver Gems in Song** is songs for children and youth. This book complements the music curriculum **Growing in Music**. Its 142 songs use shaped notes.

|                |                     |        |
|----------------|---------------------|--------|
| <b>MRS6530</b> | Silver Gems in Song | \$4.50 |
|----------------|---------------------|--------|

## Christian Hymnal

The **Christian Hymnal** is a valuable collection of many familiar hymns not found in other books. This book complements the **Developing in Music** curriculum. Its 657 songs use shaped notes.

|                |                  |         |
|----------------|------------------|---------|
| <b>MRS6076</b> | Christian Hymnal | \$11.50 |
|----------------|------------------|---------|

## Grade 8

**Maturing in Music**, designed to follow **Developing in Music**, is set up in 5 units divided into 24 lessons. This book is written in a textbook-workbook combination where students will write their answers, providing them with their own music reference source.

He will review and strengthen the concepts taught in the lower levels, as well as learn about characteristics of worthy hymn lyrics and church music, transposition keys, reading round notes, the minor and pentatonic scales, notation of rhythm, dynamics, and song interpretation.

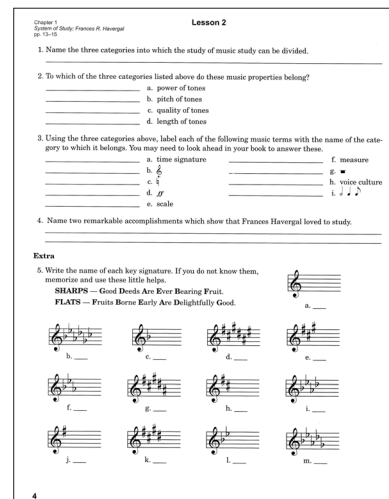
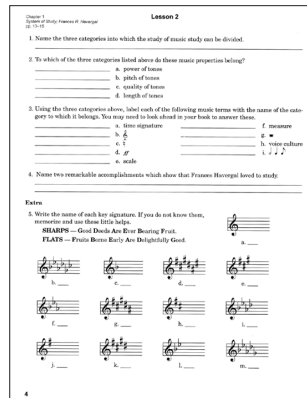
The teacher's manual provides oral reviews, drills, lesson outlines, and teacher helps. Reduced copies of each student page with the answers filled in are included and additional notes of interest are given in the margins.

The **Church Hymnal** contains songs that relate to the lessons.

### Maturing in Music 8

|                  |                  |         |
|------------------|------------------|---------|
| <b>MRS188012</b> | Pupil Book       | \$6.50  |
| <b>MRS188912</b> | Teacher's Manual | \$6.00  |
| <b>MRS188112</b> | Tests            | \$1.75  |
| <b>MRS6088</b>   | Church Hymnal    | \$14.95 |
| <b>MRS6816</b>   | Pitch Pipe       | \$16.75 |

MUSIC



## 9

## GRADE NINE

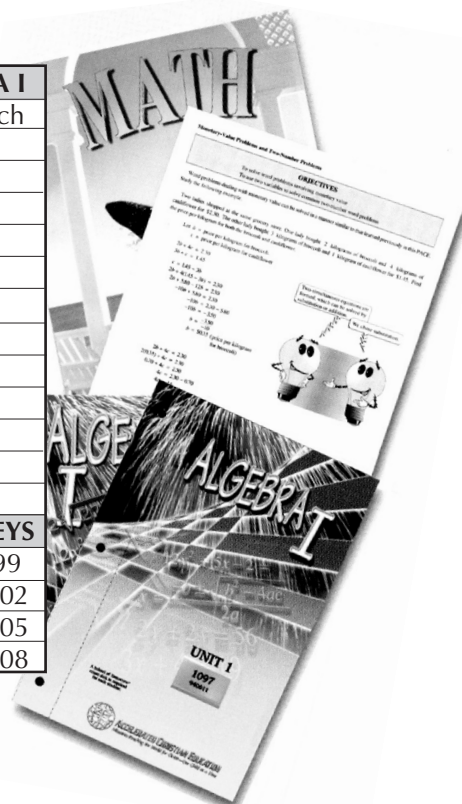
## ALGEBRA 1

Basic algebraic concepts are introduced in a carefully structured way so as to make the learning material understandable. This curriculum includes principles for logically solving, transposing, and canceling algebraic equations.

The student works with:

- ✓ Monomial and polynomial expressions
- ✓ Algebraic addition, subtraction, multiplication, and division
- ✓ Factoring, quadratic equations, positive and negative numbers, averages, percents, interest, ratios, and proportions

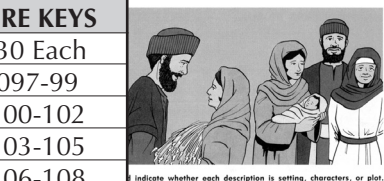
| ALGEBRA I   |
|-------------|
| \$3.30 Each |
| M097        |
| M098        |
| M099        |
| M100        |
| M101        |
| M102        |
| M103        |
| M104        |
| M105        |
| M106        |
| M107        |
| M108        |
| SCORE KEYS  |
| MK097-99    |
| MK100-102   |
| MK103-105   |
| MK106-108   |



## ENGLISH 9

In this course your students will enjoy learning about the history of the English language. They will also be challenged by the comprehensive review of grammar—including emphasis on basic sentence patterns and the eight parts of speech—review and practice of punctuation and capitalization along with verb conjugations. Writing skills are again emphasized as students are encouraged to think analytically and to write with clarity. This grade includes an in-depth study of two literature books, *The Swiss Family Robinson* and *Twice Freed*.

| ENGLISH 9               | SCORE KEYS                        |
|-------------------------|-----------------------------------|
| \$3.30 Each             | \$3.30 Each                       |
| E097                    | EK097-99                          |
| E098                    | EK100-102                         |
| E099                    | EK103-105                         |
| E100                    | EK106-108                         |
| E101                    |                                   |
| E102                    |                                   |
| E103                    |                                   |
| E104                    |                                   |
| E105                    |                                   |
| E106                    |                                   |
| E107                    |                                   |
| E108                    |                                   |
| REQUIRED RESOURCE BOOKS |                                   |
| \$9.85 Each             |                                   |
| LRGR7-84                | <i>Swiss Family Robinson, The</i> |
| R10-108                 | <i>Twice Freed</i>                |



Indicate whether each description is setting, characters, or plot.

(1) After her husband and two sons die, Naomi, on Israelite and stranger in Moab, decides to return to her homeland. Ruth, one of her daughters-in-law, goes with her. In Judah, Ruth marries and gives birth to a son, the forefather of King David.

(2) Naomi, the widow of Elimelech; Ruth, the Moabitess; Boaz, the redeemer

(3) Moab and Bethlehem around 1222 B.C.

Refer to the book of Job, and indicate whether each description is setting, characters, or plot.

(4) Job, the Lord, Satan

(5) The Land of Uz around 1500 B.C.—before the giving of the law

(6) The Lord allows Satan to test Job through a series of personal tragedies and sufferings. Although Job does not understand why, he remains faithful to the Lord and experiences restoration.



An X in the box indicates that all my scoring is correct and complete.

Score pages 1, 2, 3, and 4.

Correct mistakes.

Review.

Swiss Family Robinson.

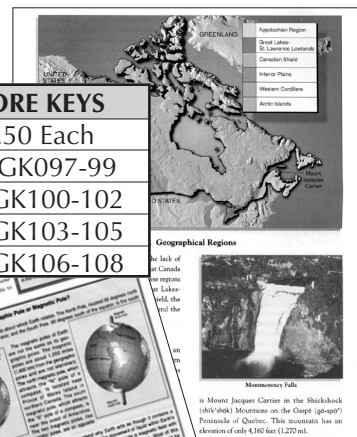
## WORLD GEOGRAPHY

Can you find Djibouti on a world map? What is the climate like in Afghanistan? What are the primary geographical features of Australia? How have the continents of Europe and Asia changed since the fall of communism? The answers to these questions, and much more, can be found in this world geography course. Included are:

- ✓ Reading, drawing, and interpretation of various kinds of maps and a continent-by-continent study of geography
- ✓ An exciting MAP MANIA, double-page world political map, and single-page climate and topographical maps

Revised 2018

| WORLD GEOGRAPHY | SCORE KEYS   |
|-----------------|--------------|
| \$3.50 Each     | \$3.50 Each  |
| SSWG097         | SSWGK097-99  |
| SSWG098         | SSWGK100-102 |
| SSWG099         | SSWGK103-105 |
| SSWG100         | SSWGK106-108 |
| SSWG101         |              |
| SSWG102         |              |
| SSWG103         |              |
| SSWG104         |              |
| SSWG105         |              |
| SSWG106         |              |
| SSWG107         |              |
| SSWG108         |              |



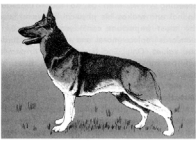
# BIOLOGY

When God created our earth, He filled it with a vast array of living creatures. This course explores the wonders of that living Creation. Included are studies of birds, mammals, fish, amphibians, reptiles, sponges, coelenterates, mollusks, echinoderms, worms, arthropods, plants and microorganisms. A study of the human body includes the integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, and endocrine systems. Genetics and embryology are incorporated into the study of the human reproductive system. Revised 2019-2020

9

GRADE NINE

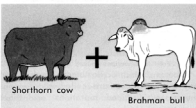
| BIOLOGY     |  |
|-------------|--|
| \$3.50 Each |  |
| SB097       |  |
| SB098       |  |
| SB099       |  |
| SB100       |  |
| SB101       |  |
| SB102       |  |
| SB103       |  |
| SB104       |  |
| SB105       |  |
| SB106       |  |
| SB107       |  |
| SB108       |  |
| SCORE KEYS  |  |
| SBK097-99   |  |
| SBK100-102  |  |
| SBK103-105  |  |
| SBK106-108  |  |



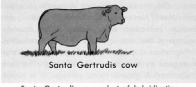
German shepherd

This principle also applies to humans. When close relatives marry, recessive genes may cause undesirable characteristics to appear in their children. For this reason, close relatives are not allowed to marry each other in most modern societies.

Hybridization is the crossing of two different varieties to obtain a new one. In the early 1900s, a Texas rancher attempted to produce a strain of cattle that would produce better beef and would also thrive in the Texas climate. He bred a European Shorthorn cow



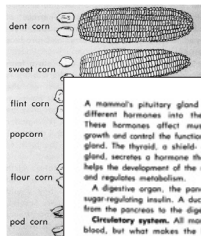
Shorthorn cow + Brahman bull



Santa Gertrudis—a product of hybridization

with a Texas Brahman (brah'man) bull (which originally came from India). After several years of controlled breeding, a hybrid cow, the Santa Gertrudis (gar'tru'dis), was developed. This cow produces superior beef and is able to withstand the heat of the Texas range.

Scientists have also used hybridization to produce varieties of corn that have larger ears. Hybrid plants are also sturdier and more resistant to disease. These qualities, which are not visible in either parent, give the offspring plants what is called hybrid vigor.

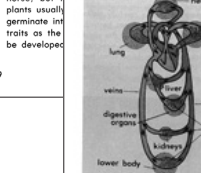


dent corn  
sweet corn  
flint corn  
popcorn  
flour corn  
pod corn

A mammal's pituitary gland secretes eight different hormones into the bloodstream. These hormones affect muscle and bone growth and control the function of the thyroid gland. The thyroid, a shield- or pear-shaped gland, secretes a hormone that aids growth, helps the development of the nervous system, and regulates metabolism.

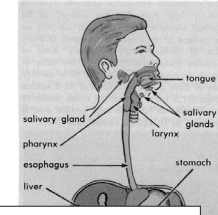
A digestive organ, the pancreas, produces sugar-regulating insulin. A duct carries insulin from the pancreas to the digestive tract.

Circulatory system. All mammals have red blood, but what makes the blood red? An iron compound known as hemoglobin gives the blood its color. Oxygen-rich hemoglobin is a bright red color; but when it comes in contact with carbon dioxide, hemoglobin turns a characteristic dark, reddish purple color. Red blood cells carry oxygen to the cells and carbon dioxide away from them.



head  
lung  
digestive organs  
kidneys  
arteries  
capillaries  
lower body  
Circulatory system

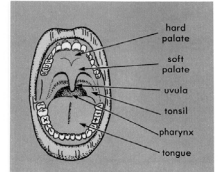
Because, as the Bible states, the life of the flesh is in the blood, the organs that help circulate blood are extremely important to the body. Located in the thorax is the heart, the main organ of the circulatory system. The heart and blood vessels circulate blood throughout the body.



tongue  
salivary gland  
pharynx  
esophagus  
larynx  
stomach  
liver

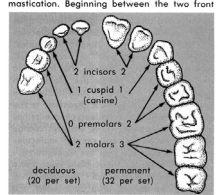
The first digestive operation is mechanical. When food is taken into the mouth, the teeth begin to chew the food. The process of chewing, which is called *mastication*, breaks food into smaller pieces and gives digestive juices more surface area upon which to act. As the food is masticated, the lips and cheeks keep it in the mouth, and the tongue pushes it toward the teeth. The tongue, a skeletal muscle covered with a mucous membrane, is also vital for speech.

The four types of teeth in the adult mouth have separate functions in the process of mastication. Beginning between the two front



hard palate  
soft palate  
uvula  
tonsil  
pharynx  
tongue

Structures of the mouth



2 incisors 1 canine 2 premolars 2 molars 3 deciduous (20 per set) permanent (32 per set)

Number and types of teeth

## ETYMOLOGY (WORD BUILDING 9)

This course leads students to an understanding of word origins. It also demonstrates the value in knowing those origins. There is an emphasis on learning the spellings, meanings, and functions of words. Practice exercises show the student how to avoid wordiness and how to be precise in the choice and use of words.

## ELECTIVES

Students should add 1-2 elective courses in grade 9. See pages 42-48 for elective courses and descriptions.

| ETYMOLOGY   | SCORE KEYS  |
|-------------|-------------|
| \$3.50 Each | \$3.50 Each |
| W097        | WK097-99    |
| W098        | WK100-102   |
| W099        | WK103-105   |
| W100        | WK106-108   |
| W101        |             |
| W102        |             |
| W103        |             |
| W104        |             |
| W105        |             |
| W106        |             |
| W107        |             |
| W108        |             |

Using the root "grade" or "gress" and the meanings and functions of the prefixes and suffixes, choose the correct word from the box and write it on the line. Note: These definitions are linked and may not be the same as those on pages 30 and 31.

grad- or gress (Latin-gradus) "step; degree"

(4) to step across the allowed boundary or limit

(5) the act of stepping upward by a degree

(6) the act of taking steps up to

(7) taking steps forward

(8) having to do with those who step together in meetings

(9) to step aside from the main subject

(10) What does the root "grade" or "gress" mean?

Score pages 32, 33, and 34. Correct mistakes. Reason.

# GEOMETRY

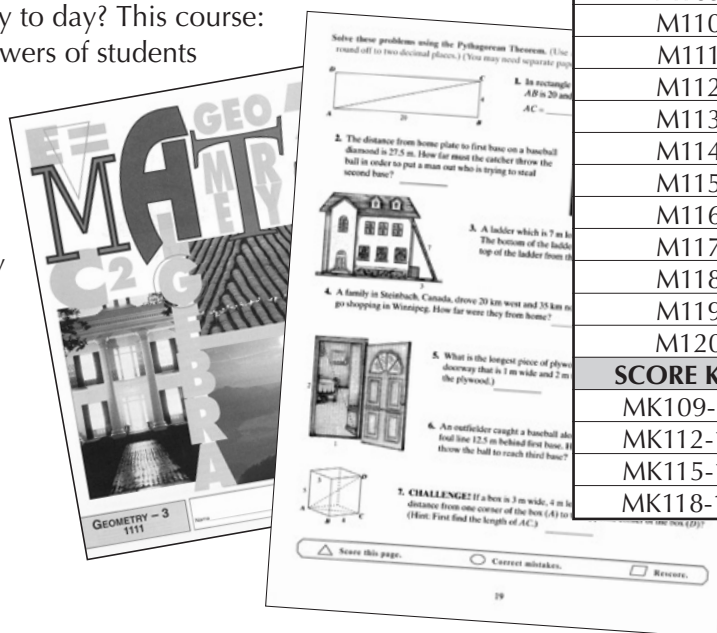
How were the ancient Greeks able to calculate the circumference of the Earth over two thousand years ago? With geometry. How many teens can logically come up with answers to the problems they face from day to day? This course:

- ✓ Develops the deductive reasoning powers of students
- ✓ Reviews previously learned material
- ✓ Introduces new concepts

The student learns:

- ✓ Properties and theorems and how to use them for solving problems
- ✓ To reason logically and systematically

**Prerequisite: Algebra I**



## GEOMETRY

\$3.30 Each

M109

M110

M111

M112

M113

M114

M115

M116

M117

M118

M119

M120

## SCORE KEYS

MK109-111

MK112-114

MK115-117

MK118-120

## ENGLISH 10

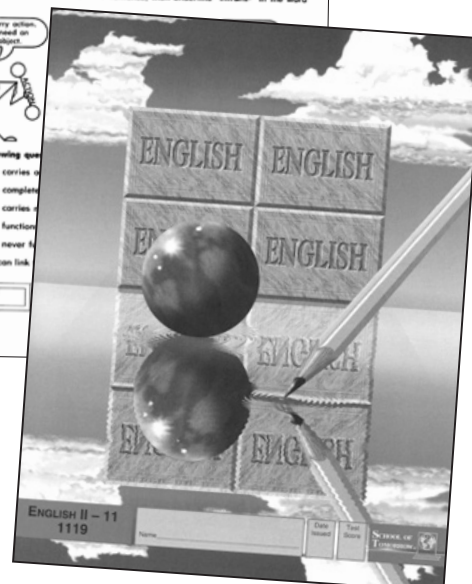
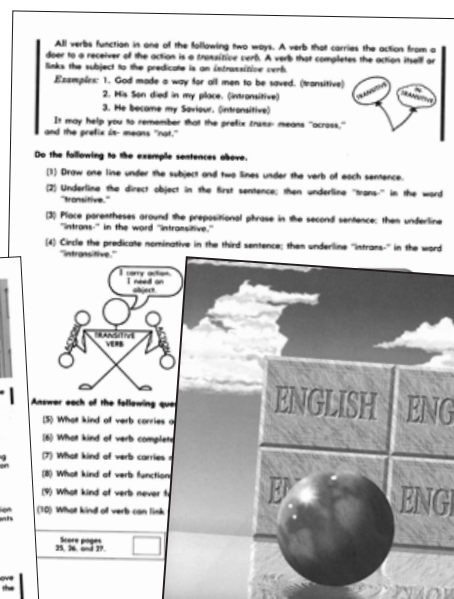
Give your students experience in several areas of writing. This course begins with an intensive study of the four kinds of paragraphs and practice writing each. From there, students move on to biography and autobiography, with a detailed reading and study of **God's Tribesman** and **The Hiding Place** providing examples. The course also includes poetic forms and poetry appreciation, but students especially enjoy and are challenged by the study of the various types of newspaper articles and techniques for writing them. Also included is practical application of library skills- how to locate and use the fiction section, reference books, and the *Reader's Guide to Periodical Literature*.

Grammar is again an integral part of this course and special emphasis is placed on correct sentence structure and noun and verb functions, including verbals.

## ELECTIVES

Students should add 1-2 elective courses in grade 10. See pages 42-48 for elective courses and descriptions.

| ENGLISH 10  | ENGLISH 10 SCORE KEYS               |
|-------------|-------------------------------------|
| \$3.30 Each | \$3.30 Each                         |
| E109        | EK109-111                           |
| E110        | EK112-114                           |
| E111        | EK115-117                           |
| E112        | EK118-120                           |
| E113        | RESOURCE BOOKS                      |
| E114        | R404 <i>God's Tribesman</i> \$9.85  |
| E115        | R104 <i>The Hiding Place</i> \$8.45 |
| E116        |                                     |
| E117        |                                     |
| E118        |                                     |
| E119        |                                     |
| E120        |                                     |



# WORLD HISTORY

10

World history from Creation to the present is viewed from a biblical perspective. The view includes ancient civilizations, the Middle Ages, the Renaissance, colonialism, the age of revolution, spiritual awakenings, and the missionary outreach.

| WORLD HISTORY | SCORE KEYS   |
|---------------|--------------|
| \$3.50 Each   | \$3.50 Each  |
| SSWH097       | SSWHK097-99  |
| SSWH098       | SSWHK100-102 |
| SSWH099       | SSWHK103-105 |
| SSWH100       | SSWHK106-108 |
| SSWH101       |              |
| SSWH102       |              |
| SSWH103       |              |
| SSWH104       |              |
| SSWH105       |              |
| SSWH106       |              |
| SSWH107       |              |
| SSWH108       |              |

II. Europe

For thousands of years, beginning about 5000 B.C., Europe was the cultural, economic, scientific, and religious center of the world. Explorers from Europe carried European civilization to North America, Latin America, Australia, New Zealand, and Africa. Although Europe's world leadership declined during the nineteenth century, this densely populated area has played a significant role in world history.

**Political Events, Perilous Times.**

Since the end of World War II, political events in much of Western Europe have remained rather calm. The only "war" was the Cold War with the Soviet Union and its satellite nations. Things were not, however, as quiet as Europe—Europe—in those nations that were satellites of the Soviet Union.

In 1979, Margaret Thatcher became the first woman to hold the office of prime minister of Great Britain. She held that post until 1990. After her resignation, John Major became prime minister.

On July 29, 1981, 32-year-old Prince Charles, heir to the throne of Great Britain, was married to 20-year-old Princess Diana Spencer. On June 22, 1982, Princess Diana gave birth to a son, Prince William. Prince William is heir to the throne of Great Britain.

On August 1, 1984, Great Britain announced that it would return Hong Kong to China when its lease to China expires. On June 22, 1982, Prince Diana gave birth to a son, Prince William. Prince William is heir to the throne of Great Britain.

On August 1, 1984, Great Britain announced that it would return Hong Kong to China when its lease to China expires. On June 22, 1982, Prince Diana gave birth to a son, Prince William. Prince William is heir to the throne of Great Britain.

MAP 3 - COLONIES IN AFRICA IN 1914

Legend:

- Great Britain
- France
- Germany
- Italy
- Spain
- Belgium
- Portugal
- Other

MAP 4 - CENTRAL EUROPE

Legend:

- Prussia
- France
- Germany
- Italy
- Spain
- Belgium
- Portugal
- Other

GRADE TEN

# PHYSICAL SCIENCE

**Science does not have to be mind-boggling!** The physical science course presents, in clear and understandable language, an introduction to chemistry and physics. After finishing the course, the student will have a better understanding of science, and a college-bound student will have a good foundation for more rigorous chemistry and physics courses. The first PACE has a pop-out section that includes a Periodic Table of the Elements and Rules for Solving Problems.

Each PACE contains a short story interspersed between sections of the text. Each story deals with a particular problem faced by many of today's teens. The character, in the process of solving his problem, applies scriptural principles and demonstrates character development.

**Prerequisite: Algebra I.**

## PHYSICAL SCIENCE LAB DVDS

Your student will watch 22 labs ranging from approx. 2 min to 9 min in this three- DVD set that coincide with the Physical Science PACEs. These labs cover electrolysis of water distillation, Charles' Law, the reaction of sodium and chlorine and copper and nitric acid, properties of hydrogen and oxygen, laws of motion, wave motion, optics, electrostatics, and nuclear radiation.

| PHYSICAL SCIENCE  | PHYSICAL SCIENCE LABS |
|-------------------|-----------------------|
| \$3.50 Each       | PSLDVSET \$43.95      |
| SPS109            |                       |
| SPS110            |                       |
| SPS111            |                       |
| SPS112            |                       |
| SPS113            |                       |
| SPS114            |                       |
| SPS115            |                       |
| SPS116            |                       |
| SPS117            |                       |
| SPS118            |                       |
| SPS119            |                       |
| SPS120            |                       |
| <b>SCORE KEYS</b> |                       |
| SPSK109-111       |                       |
| SPSK112-114       |                       |
| SPSK115-117       |                       |
| SPSK118-120       |                       |

**Physical Science**

edge of the table) is near the effort, the pencil gains speed. The nearer the fulcrum is to the effort, the greater the gain in speed. As the speed increases, however, the force decreases.

A second-class lever is one in which the load is between its fulcrum and effort. Nutcrackers and wheelbarrows are examples of second-class levers.

**Physical Science**

used to gain wheel is the the handsp handles, the

**Modern Physics**

Contents

Objectives ..... 1

Words to Know ..... 1, 10, 21

I. Electronics ..... 1

Cathode Ray Tubes ..... 1

Vacuum Tubes ..... 4

Audio Communications ..... 7

Video Communications ..... 10

Transistors ..... 14

Integrated Circuits ..... 17

II. Nuclear Physics ..... 21

Radioactive Emission ..... 21

Radioactive Decay ..... 21

Nuclear Fission ..... 26

Nuclear Fusion ..... 29

**Therefore, my beloved brethren, be ye steadfast, unmovable, always abounding in the work of the Lord, forasmuch as ye know that your labour is not in vain in the Lord.**

1 Corinthians 15:58

## ALGEBRA 2

This advanced study in algebra includes:

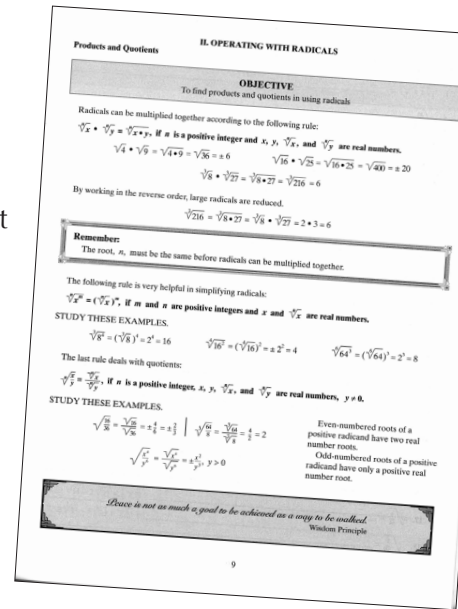
- ✓ Parabolas, hyperbolas, permutations, logarithms, and matrices

Student learns to operate with:

- ✓ Radicals, fractions, and equations
- ✓ Arithmetic and geometric sequences

The approach is practical, enabling the student to use his reasoning abilities. The program effectively equips your student with necessary knowledge to excel in the real world.

**Prerequisite: Algebra I**



## ALGEBRA II

\$3.30 Each

M121

M122

M123

M124

M125

M126

M127

M128

M129

M130

M131

M132

## SCORE KEYS

MK121-123

MK124-126

MK127-129

MK130-132

## ENGLISH 11

## AMERICAN LITERATURE

How has America's history affected its literature? Students find out as they follow the chronological presentation of American literature in this course. Included are Christian writers whose works are not found in most other American literature courses. Students learn how to evaluate an author's philosophy and style. Appropriate writing activities provide challenging experiences in various writing genres.

Each unit incorporates a review of grammar. Emphasis and detailed instruction is given in essay writing. Research paper preparation is explained and visualized as a step-by-step process. *In His Steps* is a required resource book for this level.

| ENGLISH 11           | SCORE KEYS                 | Keep in mind that Roman numeral divisions of the outline represent the broadest or most general divisions of the paper. As the outline is developed, it becomes increasingly specific. Each related subpoint narrows the broader subject more and more. This approach is somewhat like looking at a forest from a distance and seeing only a mass of trees. The closer one gets to the forest, the more detail he observes. The forest now has various types of plants and animals. A similar result occurs as an outline from the broad main points to the details, which are expressed in Arabic numerals. |
|----------------------|----------------------------|--|
| \$3.30 Each          | \$3.30 Each                |  |
| E121                 | EK121-123                  |  |
| E122                 | EK124-126                  |  |
| E123                 | EK127-129                  |  |
| E124                 | EK130-132                  |  |
| E125                 |                            |  |
| E126                 |                            |  |
| E127                 |                            |  |
| E128                 |                            |  |
| E129                 |                            |  |
| E130                 |                            |  |
| E131                 |                            |  |
| E132                 |                            |  |
| <b>RESOURCE BOOK</b> |                            |  |
| LRGR8-96             | <i>In His Steps</i> (1129) | \$9.85   |

# CHEMISTRY

Students are given a solid introduction to the science of chemistry. All units view the material from a biblical perspective and provide necessary helps. This course covers:

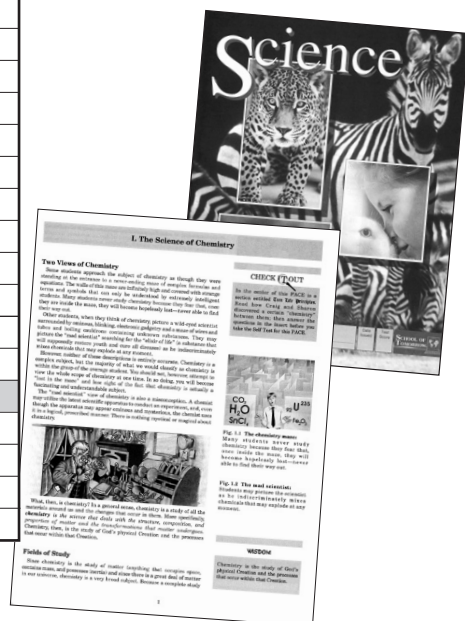
- ✓ Organic and inorganic chemistry
- ✓ Periodic Table of the Elements
- ✓ Biochemistry
- ✓ Properties of metals, nonmetals and metalloids
- ✓ Molecular bonding
- ✓ Chemical reactions
- ✓ Chemical equilibrium
- ✓ Gas laws
- ✓ Thermodynamics
- ✓ Electrochemistry
- ✓ Acids and bases
- ✓ Nuclear chemistry
- ✓ Quantitative and qualitative analysis
- ✓ Balancing of chemical equations

**Prerequisites: Biology, Physical Science and Algebra I.**

## CHEMISTRY LAB DVDS

This set of three-DVDs give your students the opportunity to observe virtual "hands-on" experimentation. Includes quick, easy access to all lab experiments, and features chapters on: separating mixtures, lab safety, reaction stoichiometry, the titration of an acid and a base, electrochemistry, flame tests, carbon, preparation of casein glue, and more. Labs range from approx. 2 min to 16min.

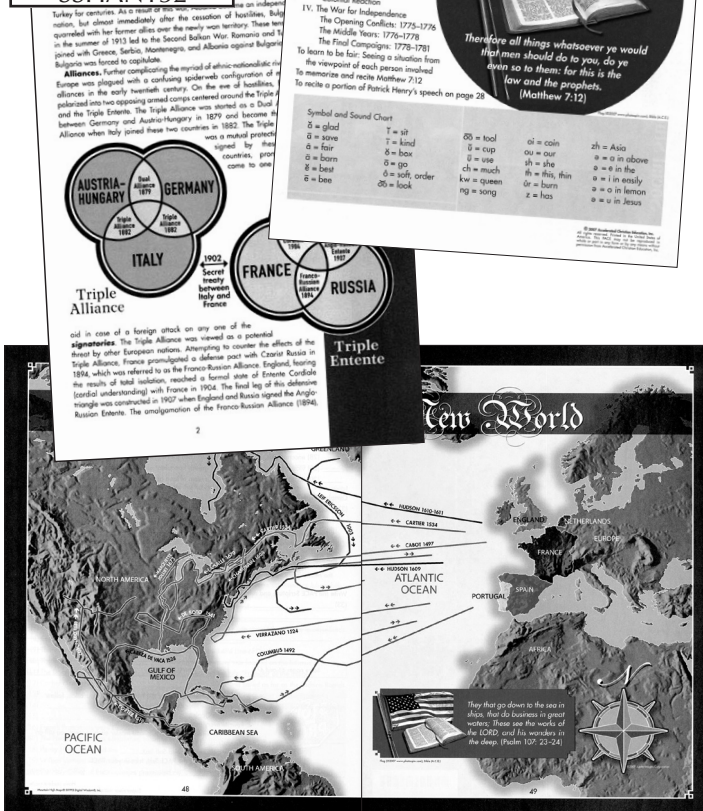
| CHEMISTRY   | CHEMISTRY LABS  |
|-------------|-----------------|
| \$3.50 Each | CLDVSET \$43.95 |
| SC121       |                 |
| SC122       |                 |
| SC123       |                 |
| SC124       |                 |
| SC125       |                 |
| SC126       |                 |
| SC127       |                 |
| SC128       |                 |
| SC129       |                 |
| SC130       |                 |
| SC131       |                 |
| SC132       |                 |
| SCORE KEYS  |                 |
| SCK121-123  |                 |
| SCK124-126  |                 |
| SCK127-129  |                 |
| SCK130-132  |                 |



# AMERICAN HISTORY

An appreciation for biblical influence develops as the student views American history from the Colonial period to the present. Beginning with discovery of the New World, the study includes the War for Independence, the Jackson era, the War Between the States, the two World Wars, America's foreign relations after World War II, the Cold War, space exploration, Civil Rights, the United Nations, Watergate, and the awakening which continued on from 1970.

| American History | SCORE KEYS    |
|------------------|---------------|
| \$3.50 Each      | \$3.50 Each   |
| SSHAN121         | SSHANK121-123 |
| SSHAN122         | SSHANK124-126 |
| SSHAN123         | SSHANK127-129 |
| SSHAN124         | SSHANK130-132 |
| SSHAN125         |               |
| SSHAN126         |               |
| SSHAN127         |               |
| SSHAN128         |               |
| SSHAN129         |               |
| SSHAN130         |               |
| SSHAN131         |               |
| SSHAN132         |               |



## ELECTIVES

Students should add 1-2 elective courses in grade 11. See pages 42-48 for elective courses and descriptions.

11

GRADE ELEVEN

## TRIGONOMETRY

**Prerequisite: Algebra I, Geometry, and Algebra II** Trigonometry is a six-PACE, interactive learning experience for the student. Through the use of a graphing calculator, the student is able to solve realistic problems about our universe.

The student learns to:

- ✓ Find unknown measurements involving triangles.
- ✓ Determine the values of the trigonometric functions for any angle.
- ✓ Establish and use trigonometric identities.
- ✓ Graph trigonometric functions with and without a graphing calculator.
- ✓ Use the inverse trigonometry functions to find angle measures.
- ✓ Solve equations involving the trigonometric functions.
- ✓ Graph functions in the polar plane.
- ✓ Perform operations with complex numbers.
- ✓ Recognize how trigonometry models our world.

This course reflects the use of a TI-83 Plus or TI-84 Plus graphing calculator.

| TRIGONOMETRY |
|--------------|
| \$3.50 Each  |
| M133         |
| M134         |
| M135         |
| M136         |
| M137         |
| M138         |
| SCORE KEYS   |
| M133-135     |
| M136-138     |

## ENGLISH 12 ENGLISH LITERATURE

Do your students know what constitutes good literature? They will learn as they complete our 12th Grade English course. All twelve PACEs provide examples and analysis of the best literature from various writers and literary periods of British literature. Students learn how to evaluate a writer's style and technique and find reading of classical works enriching and enlightening. Along with reading comes opportunity for self-expression as students write summaries, comparisons, contrasts, sketches, and evaluations. Grammar is an integral part of the course with thorough review of parts of speech, sentence structure, and proper usage. Most unique is that the text for grammar exercises provides the biblical perspective of life principles. Writing skills are covered along with basics of speech preparation and presentation.

| ENGLISH 12  | SCORE KEYS  |
|-------------|-------------|
| \$3.30 Each | \$3.30 Each |
| E133        | EK133-135   |
| E134        | EK136-138   |
| E135        | EK139-141   |
| E136        | EK142-144   |
| E137        |             |
| E138        |             |
| E139        |             |
| E140        |             |
| E141        |             |
| E142        |             |
| E143        |             |
| E144        |             |

### REQUIRED RESOURCE BOOKS

|      |   |        |
|------|---|--------|
| R140 | <i>Rime of the Ancient Mariner, The</i> | \$9.85 |
| R141 | <i>Silas Marner</i>                     | \$9.85 |

## U.S. CIVICS

Do your students realize they have a responsibility toward their government? Do they know enough about their government to understand its processes? This course will help prepare them by providing a study of the historical foundations of our government. No resource books are necessary. (1/2 credit)

| U.S. CIVICS   |
|---------------|
| \$3.50 Each   |
| SSUSC133      |
| SSUSC134      |
| SSUSC135      |
| SSUSC136      |
| SSUSC137      |
| SSUSC138      |
| SCORE KEYS    |
| SSUSCK133-135 |
| SSUSCK136-138 |

## ELECTIVES

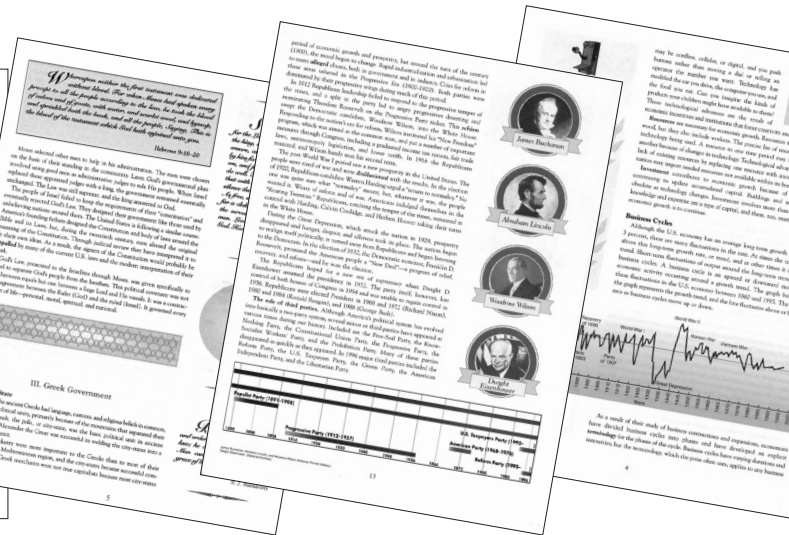
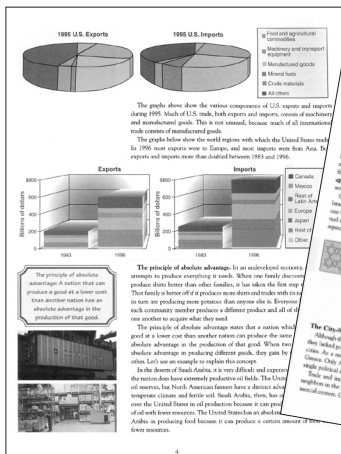
Students should add 2-3 elective courses in grade 12. See pages 42-48 for elective courses and descriptions.

# ECONOMICS

12

GRADE TWELVE

The Economics course introduces students to the biblical foundations for the study of economic systems. The scope includes price theory, production, free enterprise, free trade, banking, investments, international trade, stewardship, and government and the economy. Throughout the course, the importance of biblical ideals and values in the marketplace are emphasized. (1/2 credit)



| ECONOMICS   |  |
|-------------|--|
| \$3.50 Each |  |
| SSE139      |  |
| SSE140      |  |
| SSE141      |  |
| SSE142      |  |
| SSE143      |  |
| SSE144      |  |
| SCORE KEYS  |  |
| SSEK139-141 |  |
| SSEK142-144 |  |

# PHYSICS

The basics of Physics are practical, interesting, and understandable in this completely self-contained course. Full of illustrations and applications, it covers:

- ✓Measurements and mathematics
- ✓Radiation and nuclear energy
- ✓Force and motion
- ✓Electrochemistry
- ✓Momentum and energy
- ✓Magnetism and electrical circuits
- ✓States of matter
- ✓Light and electricity
- ✓Gas laws
- ✓Optics and optical instruments
- ✓Heat and kinetic theory
- ✓Wave motion and sound

**Prerequisites: Algebra I and Physical Science**

## PHYSICS LAB DVDS

This two-DVD set shows 12 Labs, covering all the lab experiments in the PACES. Learn about Newton's 1st and 2nd laws, the Doppler effect, electric circuits, buoyancy, and more. Labs vary in time from approximately 2 minutes to 13 minutes.

crest, trough, wavelength

like us, He and I are right on the same wavelength. I'm sure we'll get along fine."

**Sound Waves**

What Mr. Hughes heard on the telephone were sounds traveling as electrical disturbances through the telephone wires. In physics, sound is defined as disturbances in a fluid or solid. When a tuning fork is struck sharply, it vibrates rapidly back and forth. The energy of the vibrating tuning fork is transmitted to the air as it pushes nearby air molecules first one way and then the other. These molecules are disturbed then pass that disturbance along to their neighbors.

This disturbance in the air is an example of sound. The disturbance travels out from the tuning fork much in the same way that ripples travel out from the splash of a stone in a pond. As in water waves, molecules affected by sound waves maintain their relative positions after sound waves pass.

A longitudinal wave is one in which the disturbance is in the same direction as the wave motion. The word longitudinal is from a

With a value for  $m$ , or, hard, for force could then calculate  $a$ . The rough estimate of its magnitude showed that the gravitational attraction between small objects would be almost hopelessly small to be measured in a laboratory.

About every seven years for Isaac Newton's death, English scientist Henry Cavendish used the force of gravitational attraction between two lead balls to measure the force of gravity. In 1798 he suspended two small lead balls, each weighing 157 kilograms, and suspended them from a horizontal rod. He then brought the larger lead ball near the smaller one. A distance of 0.23 meters separated their centers.

When the large lead balls were brought into position, the attraction made the fiber twist slightly. This tiny twist was enough to show the force of gravity. The slight twist caused the beam of reflected light to rotate through the beam of reflected light. The amount of the twist was proportional to the force of attraction. Cavendish was so delicate the slightest movement would have made his measurements.

**PHYSICS**  
\$3.50 Each

SP133  
SP134  
SP135  
SP136  
SP137  
SP138  
SP139  
SP140  
SP141  
SP142  
SP143  
SP144

**SCORE KEYS**  
SPK133-135  
SPK136-138  
SPK139-141  
SPK142-144

**PHYSICS LABS**  
PLDVSET \$43.95

Science

PHYSICS - 7  
1139

## ELECTIVES

## Bible Electives

**Successful Living  
(1 credit)**

Successful Living is a study in the first nine chapters of Proverbs. The course encourages the student to have proper attitudes and levels of commitment culminating in using wisdom in life choices.

| SUCCESSFUL LIVING |
|-------------------|
| \$3.50 Each       |
| BSL1              |
| BSL2              |
| BSL3              |
| BSL4              |
| BSL5              |
| BSL6              |
| BSL7              |
| BSL8              |
| BSL9              |
| BSL10             |
| BSL11             |
| BSL12             |
| SCORE KEYS        |
| BSLK1-3           |
| BSLK4-6           |
| BSLK7-9           |
| BSLK10-12         |

**Old Testament  
Survey (1 credit)**

A comprehensive course that will provide the high school student with a book-by-book understanding of the Old Testament. The chronology, history, setting, and content of the Old Testament are examined in such a way that the student's comprehension is increased. Of special interest are Old Testament covenants and time periods.  
Revised 2018-2019

| OLD TESTAMENT SURVEY |
|----------------------|
| \$3.50 Each          |
| BOTS109              |
| BOTS110              |
| BOTS111              |
| BOTS112              |
| BOTS113              |
| BOTS114              |
| BOTS115              |
| BOTS116              |
| BOTS117              |
| BOTS118              |
| BOTS119              |
| BOTS120              |
| SCORE KEYS           |
| BOTSK109-111         |
| BOTSK112-114         |
| BOTSK115-117         |
| BOTSK118-120         |

**RESOURCE BOOK**

R155 Halley's Bible Handbook (optional) \$15.99

| ANABAPTIST NEW<br>TESTAMENT HISTORY |
|-------------------------------------|
| \$3.50 Each                         |
| BANTCH097                           |
| BANTCH098                           |
| BANTCH099                           |
| BANTCH100                           |
| BANTCH101                           |
| BANTCH102                           |
| BANTCH103                           |
| BANTCH104                           |
| BANTCH105                           |
| BANTCH106                           |
| BANTCH107                           |
| BANTCH108                           |

| NEW TESTAMENT SURVEY |
|----------------------|
| \$3.50 Each          |
| BNTS097              |
| BNTS098              |
| BNTS099              |
| BNTS100              |
| BNTS101              |
| BNTS102              |
| BNTS103              |
| BNTS104              |
| BNTS105              |
| BNTS106              |
| BNTS107              |
| BNTS108              |
| SCORE KEYS           |
| BNTSK097-99          |
| BNTSK100-102         |
| BNTSK103-105         |
| BNTSK106-108         |

**New Testament  
Survey (1 credit)**

Twelve new character traits are taught with Biblical facts and activities in this color edition. This course is designed to introduce the student to the penman, the place, the period, the problem, the peculiarities, the purpose, and the plan of each book. It contains a special project the student must accomplish before completing the test.

Revised 2017

**RESOURCE BOOK**

R155 Halley's Bible Handbook (optional) \$15.99

**New Testament Church History  
(1 credit)**

A fascinating study tracing the roots of church history. The approach develops in the student an appreciation of the role of the church from its earliest days. Intended for the upper-level high school student, the subject matter explains God's plan for the formation and spread of the church and the extension of the Gospel.

| NEW TESTAMENT<br>CHURCH HISTORY |
|---------------------------------|
| \$3.30 Each                     |
| BNTCH121                        |
| BNTCH122                        |
| BNTCH123                        |
| BNTCH124                        |
| BNTCH125                        |
| BNTCH126                        |
| BNTCH127                        |
| BNTCH128                        |
| BNTCH129                        |
| BNTCH130                        |
| BNTCH131                        |
| BNTCH132                        |
| SCORE KEY                       |
| BNTCHK121-132                   |

**ANABAPTIST NEW TESTAMENT HISTORY (1 credit)**

This twelve PACE course written by William McGrath gives the student a basic overview of New Testament Church History from an Anabaptist point of view. The student will gain an understanding of the different church ages and be able to trace their chronology through history.

**SCORE KEYS**

|                |
|----------------|
| BANTCHK097-99  |
| BANTCHK100-102 |
| BANTCHK103-105 |
| BANTCHK106-108 |

# ELECTIVES

## Bible Electives

### Life of Christ (1 credit)

Written on the senior high school level, this course will greatly increase the student's understanding of the Gospels. As he studies the background of the Gospels, the world as it was in Christ's day, the Jews - their characteristics and habits - and aspects of Christ's life, ministry, death, and resurrection, he gains insights that will enhance his personal walk with the Savior.

Revised 2020-2021

| LIFE OF CHRIST |
|----------------|
| \$3.50 Each    |
| BL0C133        |
| BL0C134        |
| BL0C135        |
| BL0C136        |
| BL0C137        |
| BL0C138        |
| BL0C139        |
| BL0C140        |
| BL0C141        |
| BL0C142        |
| BL0C143        |
| BL0C144        |
| SCORE KEYS     |
| BLOCK133-135   |
| BLOCK136-138   |
| BLOCK139-141   |
| BLOCK142-144   |

| RESOURCE BOOK                                   |
|---|
| R155 Halley's Bible Handbook (optional) \$15.99 |

### Christian Growth (1/2 credit)

These PACEs introduce the student to books by leading Christian authors on aspects of living a triumphant Christian life. Books used with the PACEs provide examples and practical, realistic information that is motivational as well as inspirational.

| CHRISTIAN GROWTH |
|------------------|
| \$3.30 Each      |
| BCG133           |
| BCG134           |
| BCG135           |
| BCG136           |
| BCG137           |
| BCG138           |
| SCORE KEY        |
| BCGK133-138      |

| RESOURCE BOOKS                                  |
|---|
| BCGR133 School of Obedience \$8.75              |
| BCGR140 The Hour That Changes the World \$12.45 |
| BCGR135 Nervous Christians \$9.85               |
| BCGR136 Spirit-Controlled Temperament \$12.95   |
| BCGR137 When a Christian Sins \$7.45            |
| BCGR138 This Way to Happiness \$7.65            |

### Introduction to Missions (1/2 credit)

Missionary biography and autobiography have long been recognized as an important key to touch the heart and introduce people to worldwide missions. In this course, the student gains an appreciation of what has helped shape the course of mission work.

| INTRODUCTION TO MISSIONS |
|--------------------------|
| \$3.30 Each              |
| MS141                    |
| MS142                    |
| MS143                    |
| MS144                    |
| MS145                    |
| MS146                    |
| SCORE KEY                |
| MSK1-6                   |

| RESOURCE BOOKS                                 |
|--|
| MSR1 Peril by Choice \$10.95                   |
| MSR2 Peace Child \$14.95                       |
| MSR3 Beyond the Next Mountain \$9.85           |
| MSR4 C.T. Studd \$11.95                        |
| MSR5-1 The Triumph of John & Betty Stam \$9.85 |
| MSR5-6 Give Up Your Small Ambitions \$9.85     |
| MSR6 Flagellant on Horseback \$9.85            |



And He shall be  
like a tree planted  
by the rivers of water,  
that bringeth forth  
His fruit in His  
season; His leaf also  
shall not wither;  
and whatsoever He  
doeth shall prosper.  
Psalms 1:3

## ELECTIVES

## Business Electives

**General Business  
(1 credit)**

A study introducing the upper-level high school student to the world of business: markets, consumer studies, advertising, corporations and industries, careers in business, production, labor, federal control, international business, banking, and finance.

| GENERAL BUSINESS |             |
|------------------|-------------|
|                  | \$3.30 Each |
| GB097            |             |
| GB098            |             |
| GB099            |             |
| GB100            |             |
| GB101            |             |
| GB102            |             |
| GB103            |             |
| GB104            |             |
| GB105            |             |
| GB106            |             |
| GB107            |             |
| GB108            |             |
| SCORE KEYS       |             |
| GBK097-102       |             |
| GBK103-108       |             |

**Accounting (1 credit)**

These Alpha Omega LIFEPAKS are sold in sets only and provide a good basis for the student in learning accounting skills. Included are:

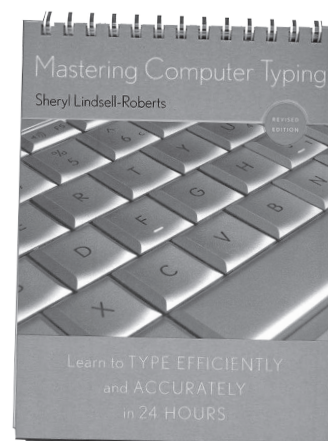
An accounting overview  
Starting an accounting system  
Analyzing and journalizing transactions  
Posting to the general ledger  
Preparing the worksheet  
Financial statements  
Adjusting and closing entries  
Payroll records  
Payroll accounting, taxes, and reports  
Business simulation

| ACCOUNTING |                                   |
|------------|-----------------------------------|
| AOACCSET   | Accounting AO LIFEPAK Kit \$69.95 |

**Typing (1 credit)****Mastering Computer Typing**

The student will learn to:

- Navigate the entire keyboard with speed and efficiency
- Use the numeric keypad to gain productivity
- Create charts and tables for business letters, resumes, and reports
- Avoid "thumb-itis" from over-texting
- Use proper e-mail and IM etiquette



**TYP Mastering Computer Typing \$23.50**

**Business Math (1 credit)**

A broad review of general math sets the stage for a study that helps the student apply learned skills to various practical situations in the home and business world. Students master concepts such as checkbook reconciliation, budget preparation, calculation of discounts, and insurance acquisition.

| BUSINESS MATH |             |
|---------------|-------------|
|               | \$3.50 Each |
| MB01          |             |
| MB02          |             |
| MB03          |             |
| MB04          |             |
| MB05          |             |
| MB06          |             |
| MB07          |             |
| MB08          |             |
| MB09          |             |
| MB10          |             |
| MB11          |             |
| MB12          |             |
| SCORE KEYS    |             |
| MBK01-03      |             |
| MBK04-06      |             |
| MBK07-09      |             |
| MBK10-12      |             |

## Business Computer Information Systems

**(1 Credit)**

This full year, print based curriculum offers ten self-pacing, mastery-based work textbooks, an interactive, multi-media CD to explore the use of technology applications in both business and personal settings, and an easy-to-use teacher's guide. Whether your high schooler wants to pursue a computers degree, enter the business workforce, or become more fluent in technology for personal use, this course is highly beneficial.

The student learns:

Word Processing      Desktop Publishing  
Spreadsheets      Computer Networks  
Databases      Operating Systems and more!

| BASIC COMPUTER INFORMATION SYSTEMS |                         |         |
|------------------------------------|-------------------------|---------|
| AOCOMP                             | Without Teacher's Guide | \$69.95 |
|                                    | With Teacher's Guide    | \$89.95 |
|                                    | Teacher's Guide         | \$18.95 |



## ELECTIVES

### Government Electives

#### Collectivism (1/2 credit)

This course traces the history of collectivism, starting with the revolt of Satan and the subsequent fall of man. It concludes with a detailed look at the major twentieth-century "isms." The study is designed to give the student an awareness of the humanistic aspects of "ism" ideologies from a biblical point of view.

| COLLECTIVISM |
|--------------|
| \$3.30 Each  |
| SSCL133      |
| SSCL134      |
| SSCL135      |
| SSCL136      |
| SSCL137      |
| SSCL138      |
| SCORE KEYS   |
| SSCLK133-35  |
| SSCLK136-38  |

#### The Constitution (1/2 credit)

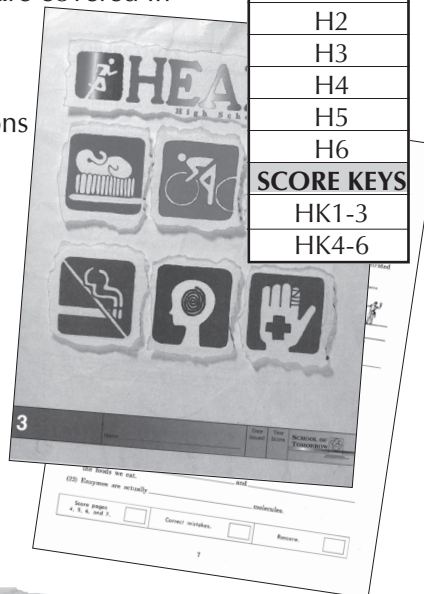
A detailed study on the origins and foundations of the Constitution, the organization and administration of the legislative, executive, and judicial branches of government as outlined in the first three articles of the Constitution, and the meaning and application of the remainder of the Constitution are taught here.

| THE CONSTITUTION |
|------------------|
| \$3.30 Each      |
| SSC133           |
| SSC134           |
| SSC135           |
| SSC136           |
| SCORE KEYS       |
| SSCK133-35       |
| SSCK136          |

### Health Electives

#### Health (1/2 credit)

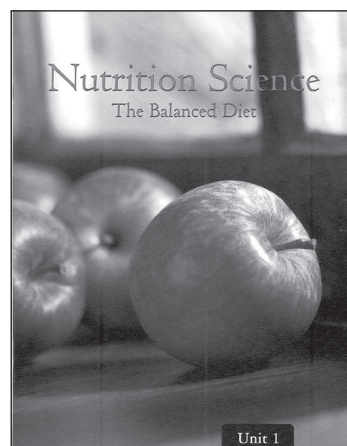
Health issues of vital concern to the well-being of the body are covered in this course. Material includes: basic information about the human body- its functions and limitations, malnutrition, nutrition and the well-balanced diet, exercise and physical fitness, CPR (cardiopulmonary resuscitation), first aid and safety, health hazards, cancer, heart disease, and AIDS.



| HEALTH      |
|-------------|
| \$3.30 Each |
| H1          |
| H2          |
| H3          |
| H4          |
| H5          |
| H6          |
| SCORE KEYS  |
| HK1-3       |
| HK4-6       |

#### Nutrition Science (1/2 credit)

A practical course that includes projects and recipes can be used as a 1/2 year credit in Science, Health, or Economics. This course is in the PACE format.



| NUTRITION SCIENCE |
|-------------------|
| \$3.50 Each       |
| NS1               |
| NS2               |
| NS3               |
| NS4               |
| NS5               |
| NS6               |
| SCORE KEYS        |
| NSK1-3            |
| NSK 4-6           |

*And they shall teach my people the difference between the holy and profane, and cause them to discern between the unclean and the clean.*

*Ezekiel 44:23*

# ELECTIVES

## Speech (1/2 credit)

The basics of effective speaking are covered in this course with such fundamentals as: stage presence, diaphragmatic breathing, articulation, effective gestures, and inflection. The achievement of vocal purity, variety in pitch, pronunciation, and the best choice of vocabulary- all this is a part of this PACE course.

Included is training in facial expressions, correct posture, and eye contact. The student is instructed in how to deal with stage fright, how to convert nervous tension into positive energy, and how to relax and express emotion and enthusiasm. So that the individual can approach an audience with confidence, he is shown how to mark a script, provided with tips on memorization skills, given rehearsal tips and self-evaluation help. Students learn how to apply what they have been taught in the PACEs through the presentation of speeches.

A DVD of sample presentations offers hands-on experience in platform performance. It is recommended that an adult be assigned to monitor the student's progress in this course.

### SPEECH

\$3.30 Each

ESPE1

ESPE2

ESPE3

ESPE4

ESPE5

ESPE6

### KEYS

ESPK1 1-3

ESPK2 4-6

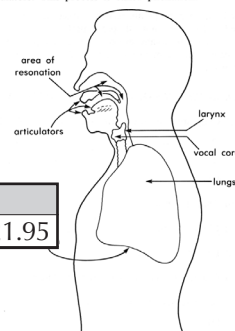
### ADDITIONAL RESOURCES

ESPDVD Speech Illustrated (DVD) \$21.95

### II. VOICE PRODUCTION

The voice is produced by vibrations of the vocal cords as they are stimulated by air flow and pressure. As the diaphragm is relaxed, pressure from abdominal organs forces the lungs to deflate. Air is then forced through the larynx which houses the two muscular bands, or more accurately "folds," often called the vocal cords. These folds respond to the air pressure by vibration, which in turn produces sound waves. These tones proceed through the upper throat and mouth and are amplified and enriched by resonators and articulators. This process is called phonation.

Voice sounds are produced by muscles; thus they are as weak or strong as the muscles which produce them. The voice cannot be developed without exercising these muscles. While speaking, these muscles must be strong and controlled but not tense. Harshness, raspiness, and many impurities of tone will override the qualities in



relaxed, the tones produced will have the quality you and your audience desire. The goal in voice production is the tonal quality of a relaxed throat called vocal purity.

FILL IN THE BLANK WITH THE CORRECT ANSWER.

(15) Voice production is achieved by \_\_\_\_\_ of the vocal cords.

(16) The vocal cords vibrate because of the air flow and \_\_\_\_\_.

(17) The \_\_\_\_\_ should produce the pressure to the lungs.

3

## Creative Communication Skills

(1/2 credit)

A speech course designed to help your student prepare and present a captivating story. Written in a PACE format, the workbooks include links to online videos illustrating the concepts being taught with suggestions for group activities for families, small groups, or even classroom style settings.

- Importance of being able to hold the attention of an audience
- How to develop a meaningful story
- Essential steps in preparing a captivating story
- Presentation skills
- Bible stories

### SPEECH

\$3.50 Each

CCS1

CCS2

CCS3

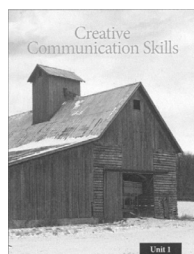
CCS4

CCS5

CCS6

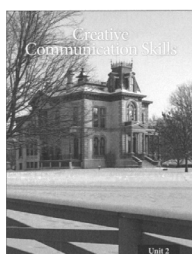
### KEYS

CCSK 1-6



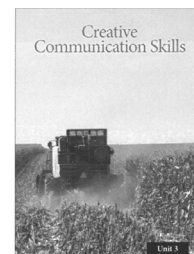
### Unit 1 — Importance of being able to hold attention of an audience.

- A message from the Author
- Selecting your story
- Adapting your presentation
- Freestyle storytelling



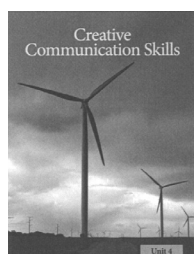
### Unit 2 — How to develop a meaningful story.

- Good beginnings
- Pulling your listeners in
- Powerful endings
- A lasting impression



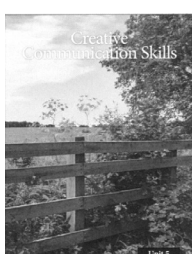
### Unit 3 — Essential steps in preparing a captivating story:

- Researching the facts
- Eliminating needless details
- Adding description
- Audience participation



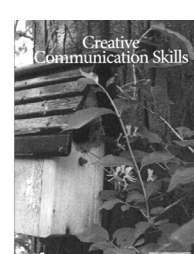
### Unit 4 — Presentation skills:

- Imagination
- Facial expression
- Body movements
- Your voice
- The pause



### Unit 5 — Presentation skills:

- Dealing with nervousness
- Developing confidence
- Using a microphone
- Telling personal stories



### Unit 6 — Bible Stories

- Learn them
- Tell them
- Use them
- Experience the power of a Bible story simply told!

# ELECTIVES

## Fine Arts Electives

### Beginning Art (1 credit)

A course designed to introduce the junior high school student to the world of art and its techniques: the tools of art, shapes, line variation and shading, texture, the color wheel, landscapes, head shapes, focal points, perspective, flannel boards, and lettering. It is intended to give the student a good understanding of the concepts of art.

| BEGINNING ART |
|---------------|
| \$3.30 Each   |
| AR073         |
| AR074         |
| AR075         |
| AR076         |
| AR077         |
| AR078         |
| AR079         |
| AR080         |
| AR081         |
| AR082         |
| AR083         |
| AR084         |

### Advanced Art (1 credit)

Advanced studies in art that increase the high school student's appreciation for art with an emphasis on the symbols, shapes, observation and perspective, light and shade, variety and mood, color, the drawing of people and clothes, landscapes, lettering, and layouts.

| ADVANCED ART |
|--------------|
| \$3.30 Each  |
| AR097        |
| AR098        |
| AR099        |
| AR100        |
| AR101        |
| AR102        |
| AR103        |
| AR104        |
| AR105        |
| AR106        |
| AR107        |
| AR108        |

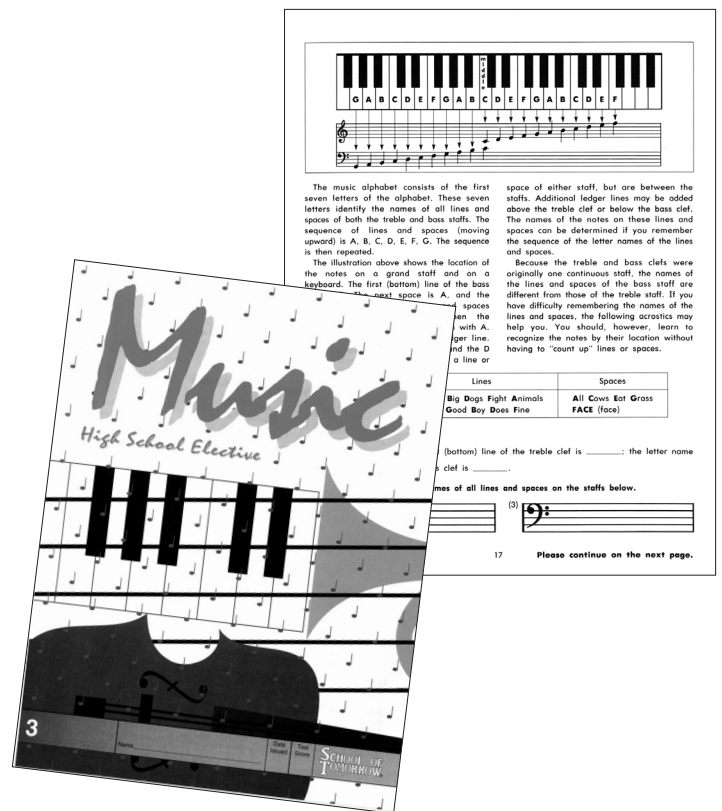
### Music (1/2 credit)

If you don't know the difference between a sharp and a flat, an oboe and a clarinet, a tenor and a bass, or a symphony and an opera, this course is for you! Designed for the serious music student, this course can also be a tremendous teaching tool for music teachers and church or school choir directors. The student is introduced to various kinds of instruments and is taught how to read music, find notes on a keyboard, and learn to recognize notes, key signatures, and time signatures.

The final PACE, *Developing an Appreciation for Music*, presents biographies of well-known composers, and requires two CDs with one or more selections by each composer. The student is tested on his ability to recognize theme music from some of the selections.

| MUSIC                  |
|------------------------|
| \$3.30 Each            |
| MU1                    |
| MU2                    |
| MU3                    |
| MU4                    |
| MU5                    |
| MU6                    |
| MUSIC KEYS             |
| MUK1 1-3               |
| MUK2 4-6               |
| DVDS                   |
| \$9.85 Each            |
| MUCDP6                 |
| MUCDTEST               |
| <b>MUCDSET \$19.70</b> |

ELECTIVES



The music alphabet consists of the first seven letters of the alphabet. These seven letters identify the names of all lines and spaces of both the treble and bass staves. The sequence of lines and spaces (moving upward) is A, B, C, D, E, F, G. The sequence is then repeated.

The illustration above shows the location of the notes on a grand staff and on a keyboard. The first (bottom) line of the bass staff and the first space of the treble staff is A, and the next space is B, and the next line is C, and the next space is D, and the next line is E, and the next space is F, and the next line is G.

Because the treble and bass staves were originally one continuous staff, the names of the lines and spaces of the bass staff are different from those of the treble staff. If you have difficulty remembering the names of the lines and spaces, the following acrostics may help you. You should, however, learn to recognize the notes by their location without having to "count up" lines or spaces.

| Lines  | Spaces                            |
|--|-----------------------------------|
| Big Dogs Fight Animals<br>Good Boy Does Fine | All Cows Eat Grass<br>FACE (face) |

(bottom) line of the treble clef is \_\_\_\_\_; the letter name of a clef is \_\_\_\_\_.

names of all lines and spaces on the staves below.

17 Please continue on the next page.

## ELECTIVES

### Language Electives

#### **French I (1 credit)**

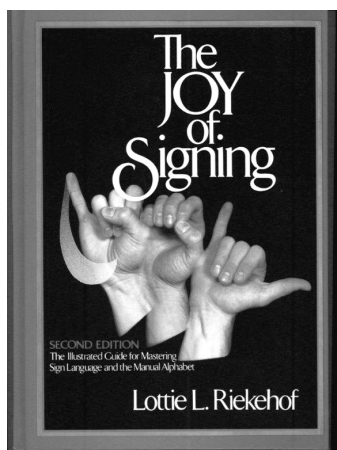
The high school student is introduced to the French language, with special emphasis on developing good reading skills. Upon completion the student should have an understanding of the *accidence* [inflection of words] of the French language and will have had several opportunities to utilize the lessons learned through practice reading and taped lectures. **DVD is required.**

| FRENCH I (required) |         |
|---------------------|---------|
| \$3.30 Each         |         |
| FLFSP097            |         |
| FLFSP098            |         |
| FLFSP099            |         |
| FLFSP100            |         |
| FLFSP101            |         |
| FLFSP102            |         |
| FLFSP103            |         |
| FLFSP104            |         |
| FLFSP105            |         |
| FLFSP106            |         |
| FLFSP107            |         |
| FLFSP108            |         |
| KEYS                |         |
| FLFK097-102         |         |
| FLFK103-108         |         |
| FRENCH (required)   |         |
| FLFDVD              | \$50.75 |

#### **Sign Language Course (1 credit)**

Intended as a dictionary for anyone wishing to learn a basic sign vocabulary to communicate with deaf people, this manual will also help persons interested in preparing for entry into interpreter training programs.

| SIGN LANGUAGE |                |         |
|---------------|----------------|---------|
| FLSLJOY       | Joy of Signing | \$23.99 |



#### **Spanish I (1 credit)**

The exciting Spanish I course represents a first in the DVD-Activity Pac format. The DVDs present the instructional content and the Activity Pacs provide the drill and learning activities. The course consists of 12 instructional DVDs, 12 Activity Pacs, 1 Test DVD, and 4 Score Keys.

You will appreciate the special features included in this unique instructional design that provides academic excellence with biblical emphasis and wisdom principles. High school students will enjoy learning conversational Spanish and Spanish grammar with this all-new innovative Spanish I course. **DVDs are required.**

| SPANISH I ACTIVITY PACS |  |
|-------------------------|--|
| (DVDs Required)         |  |
| \$3.30 Each             |  |
| FLS01                   |  |
| FLS02                   |  |
| FLS03                   |  |
| FLS04                   |  |
| FLS05                   |  |
| FLS06                   |  |
| FLS07                   |  |
| FLS08                   |  |
| FLS09                   |  |
| FLS10                   |  |
| FLS11                   |  |
| FLS12                   |  |
| SPANISH I KEY           |  |
| FLSK01-3                |  |
| FLSK04-6                |  |
| FLSK07-9                |  |
| FLSK10-12               |  |

| DVDs                     |                |
|--------------------------|----------------|
| (Activity Pacs required) |                |
| \$6.95 Each              |                |
| FLSDV01                  |                |
| FLSDV02                  |                |
| FLSDV03                  |                |
| FLSDV04                  |                |
| FLSDV05                  |                |
| FLSDV06                  |                |
| FLSDV07                  |                |
| FLSDV08                  |                |
| FLSDV09                  |                |
| FLSDV10                  |                |
| FLSDV11                  |                |
| FLSDV12                  |                |
| <b>FLSDVSET</b>          | <b>\$64.95</b> |



## ELECTIVES

### Alpha Omega Electives

#### **Mankind: Anthropology & Sociology (1/2 credit)**

This 1/2 credit course covers the origin, fall, re-creation, and mission of Mankind. The course proceeds with the Anthropology & Sociology of man in groups, in the United States, and on the Earth.

#### **Astronomy (1/2 credit)**

Astronomy is a 1/2 credit course that is fascinating to the student and helps them to capture how Earth functions in our solar system. Astronomy details the earth's motion, eclipses, and the solar system. The student learns astronomy in relationship to the stars and earth in space.

#### **Geology (1/2 credit)**

Have you ever challenged someone to find a fossil and then wondered yourself where it came from? In this course the student learns about both physical and historical geology. The student also learns how geology impacts Oceanography, the atmosphere, and our earth's climate.

These LIFEPAK format courses are sold as kits and can be used for the student that needs extra credit.

#### **1/2 credit courses**

**Kits w/o Teacher Key \$32.95**

**w/Teacher Key \$39.95**

**Teacher Key \$9.95**

#### **Family and Consumer Science (1 credit)**

LIFEPAK Family and Consumer Sciences teaches about cooking, applying first aid skills, and getting a job. This practical course for grades seven through twelve gives students the lifelong skills needed to make solid financial decisions, develop good character qualities, and build Christian relationships.

**Kits w/o Teacher Key \$69.95**

**w/Key \$79.95**

**Key \$18.95**

## COLLEGE COURSES

|                       |                     |   |
|-----------------------|---------------------|---|
| <b>GREEK I</b>        |                     | <h1>Bible</h1> <h2><i>Greek I &amp; Greek II</i></h2> <p>An introductory course in the Greek of the New Testament designed to enable the student to read from the Greek New Testament. Vocabulary, grammar, and accidence are the major studies, ending with an application of all grammar learned by translating I John. (May be waived by a student who has previous college credit or who has shown proficiency in Basic Greek.)</p> |
| \$3.30 Each           |                     |   |
| CG121                 |                     |   |
| CG122                 |                     |   |
| CG123                 |                     |   |
| CG124                 |                     |   |
| CG125                 |                     |   |
| CG126                 |                     |   |
| CG127                 |                     |   |
| CG128                 |                     |   |
| CG129                 |                     |   |
| CG130                 |                     |   |
| CG131                 |                     |   |
| CG132                 |                     |   |
| <b>GREEK II</b>       |                     |   |
| \$3.30 EACH           |                     |   |
| CG11-CG20             |                     |   |
| <b>SCORE KEYS</b>     |                     |   |
| CGK121-126            |                     |   |
| CGK11-15              |                     |   |
| CGK127-132            |                     |   |
| CGK 16-20             |                     |   |
| <b>RESOURCE BOOKS</b> |                     |   |
| CGIR1-11              | Greek New Testament | \$9.95  |
| CGIR480               | Greek Handbook      | \$6.55  |

### English

#### **English Composition I**

This study is of the fundamentals of English composition: grammar, parts of speech, punctuation, mechanics, spelling, and the actual construction of sentences, paragraphs, and compositions.

#### **English Composition II (NEW)**

This course is designed to aid the student in developing his writing skills. The techniques of effective writing such as introductions, outlines, storytelling, comparison and contrast, and many other features which are essential to a good piece of literature are covered.

| ENGLISH COMPOSITION II |  |
|------------------------|--|
| \$3.50 Each            |  |
| CEC201                 |  |
| CEC202                 |  |
| CEC203                 |  |
| CEC204                 |  |
| CEC205                 |  |
| CEC206                 |  |
| CEC207                 |  |
| CEC208                 |  |
| CEC209                 |  |
| CEC210                 |  |
| SCORE KEYS             |  |
| CECK201-5              |  |
| CECK206-10             |  |

| ENGLISH COMPOSITION I |  |
|-----------------------|--|
| \$3.30 Each           |  |
| CEC101                |  |
| CEC102                |  |
| CEC103                |  |
| CEC104                |  |
| CEC105                |  |
| CEC106                |  |
| CEC107                |  |
| CEC108                |  |
| CEC109                |  |
| CEC110                |  |
| SCORE KEYS            |  |
| CECK101-5             |  |
| CECK106-10            |  |

# RECORD KEEPING FORMS

## Annual Forms Package (one per student)

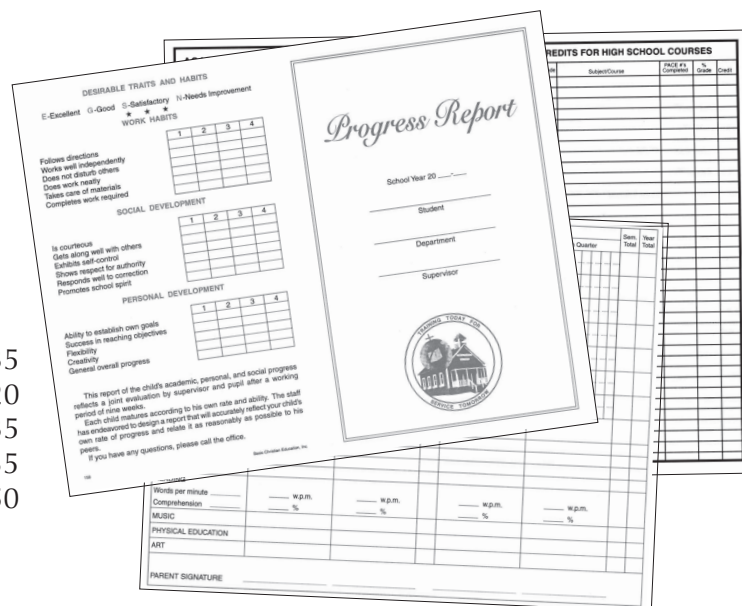
Item # HSAFP421 \$6.85

Contents:

- 4 - Quarterly Report Forms
- 20 - Goal Charts
- 1 - Student Progress Chart
- Supply of Stars

## Individual Forms

|         |                        |     |
|---------|------------------------|-----|
| FRB158  | Progress Report        | .35 |
| FRB150E | Goal Charts            | .20 |
| FRB102  | Student Progress Chart | .35 |
| FRB200  | Quarterly Report Forms | .35 |
| 0138    | Stars (assorted) (70)  | .50 |



# ACCESSORIES

## Stars

Self sticking, 1/2" size color-coded for Student Progress Chart (280/pkg.). Colors: Gold, red, green, blue, purple, silver, yellow, and assorted.

| STARS |                   |
|-------|-------------------|
|       | \$2.75 Each (280) |
| 0131  | Gold Stars        |
| 0132  | Red Stars         |
| 0133  | Green Stars       |
| 0134  | Blue Stars        |
| 0135  | Purple Stars      |
| 0136  | Silver Stars      |
| 0137  | Yellow Stars      |
| 0138  | Assorted Stars    |

## Stickers

Bible (150/pkg.) stickers specially made to fit the Student Progress Chart- just peel and stick.



| STICKERS |                      |        |
|----------|----------------------|--------|
| 070      | Bible Stickers (150) | \$1.65 |

*Study to shew thyself approved unto God, a workman that needed not to be ashamed, rightly dividing the word of truth.*

*2 Timothy 2:15*

# ORDERING INFORMATION

## Various ordering methods include:

- ON-LINE:** [www.BasicChristianEducation.com](http://www.BasicChristianEducation.com) • **FAX:** You may **FAX** orders to us at (937) 548-1165.  
**PHONE:** (937) 548-1155 • **E-MAIL:** You may e-mail your order to [bce@BasicChristianEducation.com](mailto:bce@BasicChristianEducation.com).  
**MAIL:** Complete your own order form. Enter the item numbers corresponding with the items ordered.
- Remittances must be paid in U.S. dollars. • Prices are subject to change without notice.  
(We accept VISA, MasterCard, Amex, or Discover credit or debit cards.)

## Shipping Information

1. Shipping charges are charged to each invoice. BCE will pay the shipping costs on back orders.
2. Items will be shipped the least expensive way, unless otherwise requested.

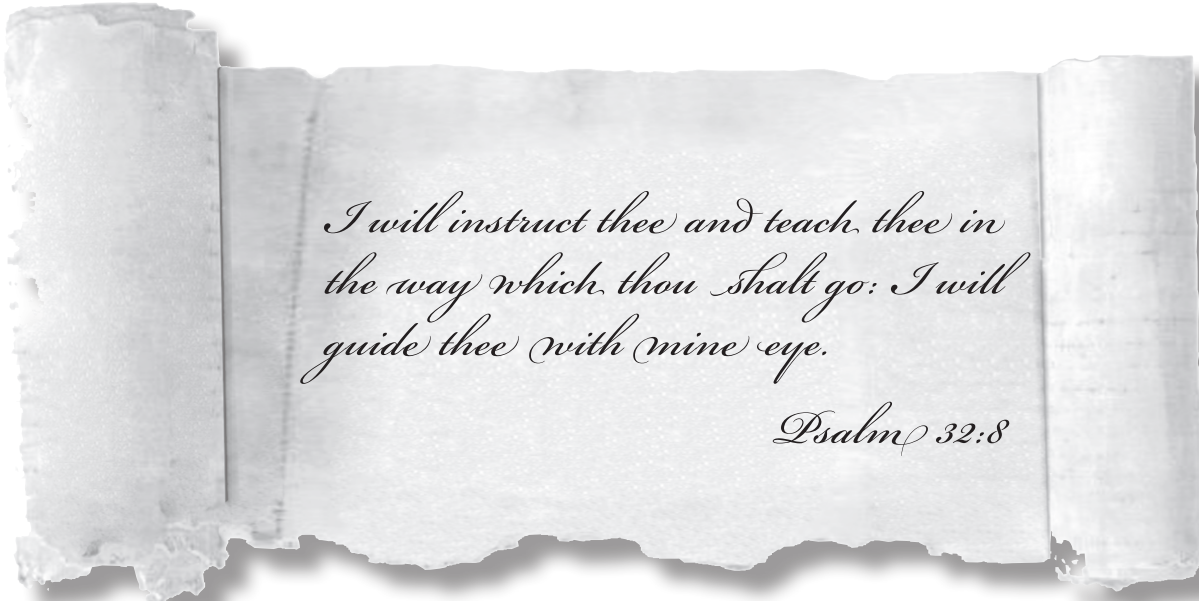
## Returns

1. Basic Christian Education accepts returns from customers for materials purchased **within the last 90 days**. Materials must be returned in saleable condition, unmarked, unstamped, with no sign of shelf wear or odors.  
Note: If PACE Test has been detached from the staples, the PACE is nonreturnable.
  - a. A 20% restocking fee or a minimum \$15.00 fee will be charged for each return.
  - b. Not acceptable for credit are videos, disks, training materials, printed forms, and individual components of sets or kits.
  - c. Registration fees are not refundable.

## Claims

We take great care in filling, checking, and packaging your order. However, sometimes errors are made.

1. **PACKING LIST - Verify your order upon receipt.** Back orders will be shipped when available. Basic Christian Education will pay the shipping costs on back orders.
2. **MISSING OR DEFECTIVE MATERIALS -** Items should be brought to the attention of BCE **upon receipt**. When contacting BCE, please have reference and item numbers available.
3. **LOST SHIPMENT -** If the shipment has been lost or shipped to the wrong location, the customer should contact BCE. If you have not received the correct number of boxes, wait two or three days and then call BCE.
4. **DAMAGED SHIPMENT -** If your materials arrive damaged, please contact us immediately. It is imperative that you keep your original labels, packaging, and materials until the issue has been rectified.



*I will instruct thee and teach thee in  
the way which thou shalt go: I will  
guide thee with mine eye.*

*Psalms 32:8*

# RESOURCE BOOKS

These books are used as curriculum resources in conjunction with the PACEs. See course descriptions for required resources.

| Item #    | Description   | Price   | Used In                               |
|-----------|---|---------|---------------------------------------|
| LRGR8-92  | Abraham Lincoln                                     | \$8.75  | Basic Lit. 8, PACE 92                 |
| LR67-68   | Ace & Christi Series - Grandpa's Christmas Gift     | \$8.75  | Lit./Creative Writing 1067-1068       |
| LR055-56  | Ace & Christi Series - Miracle At Camp Friendship   | \$8.75  | Lit./Creative Writing 1055-1056       |
| LR41-42   | Ace & Christi Series - The Red Rag Riddle           | \$8.75  | Lit./Creative Writing 1041-1042       |
| LR65-66   | Alexi's Secret Mission                              | \$7.65  | Lit./Creative Writing 1065-1066       |
| LRGR8-94  | Ann of Ava  | \$9.85  | Basic Lit. 8, PACE 94                 |
| MSR3      | Beyond the Next Mountain                            | \$9.85  | Missions 3                            |
| LRGR7-82  | By Searching  | \$6.95  | Basic Lit. 7, PACE 82                 |
| LR043-44  | Charlotte's Web                                     | \$8.49  | Lit./Creative Writing 1043-1044       |
| LR045-56  | Children's Missionary Library                       | \$8.75  | Lit./Creative Writing 1045-1046       |
| LR047-50  | Choice Stories For Children                         | \$6.95  | Lit./Creative Writing 1047-1050       |
| LR032-36  | Christians Courageous                               | \$7.65  | Lit./Creative Writing 1031-1036       |
| LRGR63-64 | Christians With Courage                             | \$6.55  | Lit./Creative Writing 1063-1064       |
| MSR4      | C. T. Studd   | \$11.95 | Missions 4                            |
| LRGR7-76  | D.L. Moody, Greatest Evangelist of the 19th Century | \$5.65  | Basic Lit. 7, PACE 76                 |
| LR57-58   | Dog Of Flanders, A                                  | \$8.75  | Lit./Creative Writing 1057-1058       |
| MSR6      | Flagellant on Horseback                             | \$9.85  | Missions 6                            |
| LR61-62   | Fugitive King, The                                  | \$6.45  | Lit./Creative Writing 1061-1062       |
| LRGR7-74  | George Mueller                                      | \$5.65  | Basic Lit. 7, PACE 74                 |
| MSR5-21   | Give Up Your Small Ambitions                        | \$9.85  | Missions 5                            |
| LRGR8-86  | God's Adventurer (Hudson Taylor)                    | \$7.45  | Basic Lit. 8, PACE 86                 |
| LRGR7-80  | God's Smuggler                                      | \$14.00 | Lit. 7, PACE 80                       |
| R404      | God's Tribesman                                     | \$9.85  | English PACE 1110                     |
| CGIR480   | Greek Handbook                                      | \$6.55  | Greek I                               |
| CGIR1-11  | Greek New Testament (Textus Receptus)               | \$9.95  | Greek I                               |
| R155      | Halley's Bible Handbook                             | \$15.99 | Bible Electives                       |
| LR53-54   | Heidi   | \$8.75  | Lit./Creative Writing 1053-1054       |
| R104      | Hiding Place, The                                   | \$8.45  | English 1116, PACE 104, PACE 130      |
| BCGR134   | Hour That Changes The World, The                    | \$12.45 | Christian Growth 134                  |
| LRGR8-96  | In His Steps  | \$9.85  | Basic Lit. 8, PACE 96, English 1129   |
| LR37-38   | Little Green Frog, The                              | \$7.65  | Lit./Creative Writing 1037-1038       |
| LRGR8-88  | Little One, Maid of Israel                          | \$9.85  | Basic Lit. 8, PACE 88                 |
| LR69-70   | Little Pilgrim's Progress                           | \$9.50  | Lit./Creative Writing 1069-1070       |
| BCGR135   | Nervous Christians                                  | \$9.85  | Christian Growth 135                  |
| LR051-52  | North To Amaroqvik                                  | \$8.75  | Lit./Creative Writing 1051-1052       |
| MSR2      | Peace Child   | \$14.95 | Missions 2                            |
| MSR1      | Peril By Choice                                     | \$10.95 | Missions 1                            |
| LRGR9-102 | Pilgrim's Progress, The                             | \$5.45  | English 9, PACE 102                   |
| R140      | Rime of the Ancient Mariner                         | \$9.85  | English 1140                          |
| LR39-40   | Saved At Sea  | \$8.75  | Lit./Creative Writing 1039-1040       |
| BCGR133   | School Of Obedience                                 | \$8.75  | Christian Growth 133                  |
| R141      | Silas Marner  | \$9.85  | English 1141                          |
| BCGR136   | Spirit-Controlled Temperament                       | \$12.95 | Christian Growth 136                  |
| LR59-60   | Star of Light                                       | \$6.60  | Lit./Creative Writing 1059-1060       |
| LR025-31  | Summer Fun with ACE and Christi                     | \$7.65  | Lit./Creative Writing 1025-1030       |
| LRGR7-84  | Swiss Family Robinson, The                          | \$9.85  | Eng. 1100-1101, Basic Lit. 7, PACE 84 |
| BCGR138   | This Way to Happiness                               | \$7.65  | Christian Growth 138                  |
| LRGR7-78  | Through Gates of Splendor                           | \$6.95  | Basic Lit. 7, PACE 78                 |
| LR71-72   | Treasures of the Snow                               | \$6.60  | Lit./Creative Writing 1071-1072       |
| MSR5-1    | Triumph of John and Betty Stam, The                 | \$9.85  | Missions 5                            |
| R10-108   | Twice Freed   | \$9.85  | English 1107 & 1108                   |
| BCGR137   | When a Christian Sins                               | \$7.45  | Christian Growth 137                  |
| LRGR8-90  | When Science Fails                                  | \$6.55  | Basic Lit. 8, PACE 90                 |

# CURSIVE HANDWRITING

## Cursive Handwriting Fun

Cursive letter tracing practice - the whole alphabet, from A-Z, capital and lower case letters, Word tracing practice, Sentence tracing practice - plenty of funny jokes and clever riddles ...and lots of unguided practice to apply what you have learned!

## Cursive Handwriting Practice

This beginning cursive letter writing workbook features a full-page format that focuses on one uppercase and lowercase cursive alphabet per page.

Students will have:

- A minimum of 200 opportunities to trace each cursive letter before freehand practice pages.
- Guided lines.
- Cursive sentences from the classic alphabet poems.

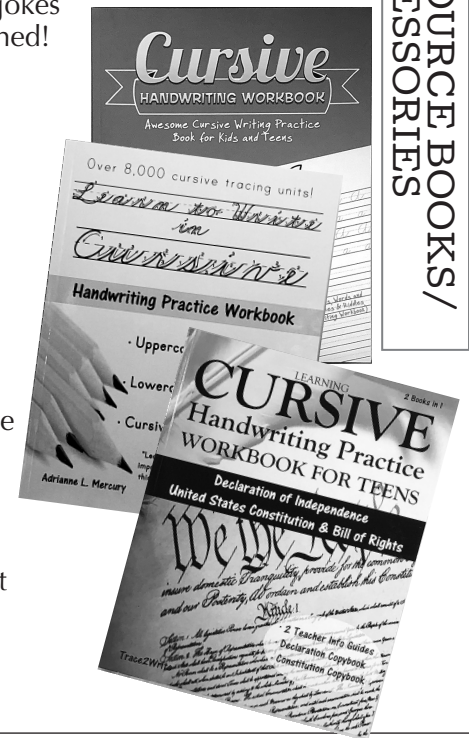
## Cursive Handwriting Historical

This cursive handwriting workbook for teens contains more than 20,000 cursive tracing units.

It includes:

- a cursive alphabet chart with guided stroke/directional arrows.
- a paper position guide detailing appropriate writing posture.
- uppercase and lowercase cursive letter tracing and freehand cursive alphabet practice sheets.
- freehand cursive practice sheets using text from the U.S. Constitution, Bill of Rights, and Declaration of Independence.

| CURSIVE |         |
|---------|---------|
| CHF     | \$8.95  |
| CHP     | \$7.95  |
| CHH     | \$12.95 |



RESOURCE BOOKS/  
ACCESSORIES

## VIDEO

|          |                      |         |
|----------|----------------------|---------|
| CLDVSET  | Chemistry Lab Set    | \$43.95 |
| PSLDVSET | Physical Sc Lab Set  | \$43.95 |
| PLDVSET  | Physics Lab Set      | \$43.95 |
| FLSDVSET | Spanish DVD Set (12) | \$64.95 |
| ESPDVD   | Speech DVD           | \$21.95 |

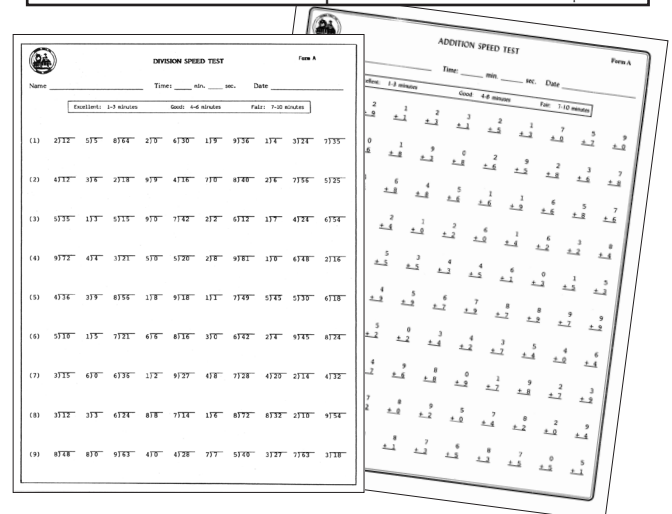
## AUDIO

|               |                       |         |
|---------------|-----------------------|---------|
| FLFDVD100-108 | French Audio DVD      | \$50.75 |
| MUCDP6        | Music CD PACE 6       | \$9.85  |
| MUCDTEST      | Music Test            | \$9.85  |
| MUCDSET       | Music CD Set          | \$19.70 |
| ABCCD404      | ABC's Songs CD        | \$17.55 |
| RRCD402       | Kindergarten Songs CD | \$17.55 |

## MATH SPEED TESTS

The Math Speed Tests are designed to help students to master the basic math facts. These tests are available for addition, subtraction, multiplication, and division. Each of the sheets have a time test of the 100 basic facts. 50 sheets per pad.

|         |                           |        |
|---------|---------------------------|--------|
| MSTA166 | Addition Speed Test       | \$4.00 |
| MSTS168 | Subtraction Speed Test    | \$4.00 |
| MSTM170 | Multiplication Speed Test | \$4.00 |
| MSTD172 | Division Speed Test       | \$4.00 |



## *Tips of the Trade*

**Scoring** is a great benefit to students. As they score, it reinforces the “same or different” discernment skill for younger students, encourages them to see that they are having success learning new/ difficult concepts, provides additional review necessary for learning, holds them accountable to complete a task, and builds character challenging them to be honest in “little things.” The scoring activity is done by the student, but only with the parent/supervisor’s permission rather than student curiosity. A student scores when a score bar is indicated in the PACE or at the end of their studies in a PACE for the day.

**Students** should score their own work at a separate location from their work station. Scoring should be done with a RED pen by placing a red X near the answer that is not the same as the score key. No pencils are to be at the scoring station, and no red pens are to be at the student’s work area.

By comparing “same” and “different” rather than “right” and “wrong” between their answer and the Score Key, students can admit to their failure without feeling overwhelmed. When the student’s answers agree totally with the Score Key, it is evidence that they are learning. Scoring then becomes a source of encouragement.

When **errors** are marked with a RED X, the student should return to their work station and make corrections by looking back into the text and finding correct answers or reworking the problem.

After **corrections** have been made, the student’s work should be re-scored. Answers that are now correct should have a RED circle placed around the RED X to indicate the work now matches the score key.

As the last step in scoring, the student circles the page number as his word of honor that the work is finished. Work is not complete until it is scored. Even a page of pure reading is circled to testify to the completeness of their work. These are character building activities that strengthen the inner man. The work ethic taught in scoring is a life skill.

• • • • •

**Color Code** - it is helpful to be able to tell who will do what and when. Parent/Supervisor should use a GREEN pen when marking or scoring the student’s work. Except on their Goal Card, students always write in pencil. A BLUE pen is used on their Goal Card. The parent/supervisor may White-Out a goal and give permission for goals to be redefined.

**Goal Setting** is a life skill also. We are training our students for life both now and hereafter. When students from the first grade on are taught to set daily PACE goals, they learn to be responsible and experience the joy of completing a task. Daily goal setting and accomplishment can be used to motivate students and avoid the question of “When am I done?”. Changes in goals are done expressly by parent/supervisor permission. The student is to be under the oversight and authority of the parent/supervisor. Again, this is a life skill, but it also prevents a student from “digging a hole” for themselves. Care should be taken to set

## *Tips for Success*

a reasonable number of pages per day so a minimum of a year's work is done in a year's time. A PACE should be at a student's desk 3 weeks. Divide the number of pages in the PACE by number of work days, saving the last day for testing. Another consideration is to have only two or three Check-Ups or Self Tests fall on the same day. To study for 4 or 5 Final Tests or to begin several new PACEs with new vocabulary all at once can put a burdensome strain on a student. Learning should be do-able and enjoyable for the student. Our students are aiming at mastering the material rather than just "getting it done". Review and study is a learning tool and a life skill.

### **Vocabulary is key to all subjects:**

**In Science, Social Studies, and Word Building** the pages with vocabulary words are often marked with a colored band along the edge. **The words on vocabulary pages must be mastered as to pronunciation, spelling, and meaning. This applies to all three subjects.** Using these pages as review activities is an easy way to help your student and for you to get a feeling as to their current understanding of the subject matter. Also look through the PACE and ask questions (especially those that have been marked with a red or green X).

**In English the definitions of parts of speech and parts of a sentence must be memorized.** The important facts in English will be found in the teaching bars most generally at the top of the page. To review English, read over the teaching bars and ask your student to give you a definition or explain an idea or concept that is presented.

**Math definitions** are also important especially as students move beyond multiplication. The basic review / speed drill of basic math facts in addition, subtraction, multiplication, and division should be used for all students until they demonstrate complete mastery. After a concept is presented, review is needed to keep sharp in fractions, decimals, and more advanced mathematical manipulations.

*Therefore, my beloved brethren, be ye  
stedfast, unmoveable, always abounding  
in the work of the Lord, forasmuch  
as ye know that your labour is not in  
vain in the Lord.*

*1 Corinthians 15:58*

# How to Set Up a Home Learning Center

## 1.) Set up a home filing system. This is for the parent only – no student access!

- a. Have a separate file for each student.
- b. You need three sections in each student's file.
  - i. Tests to Take
    1. This should have one test per subject
    2. Test Keys from Score Keys in use.
  - ii. Tests Taken
    1. This will hold all the tests that your student has completed before you send it back to us **(BCE Academy only)**.
    2. Keep the Quarterly Report that is being filled out as the tests are completed **(BCE Academy only)**.
  - iii. Permanent Record
    1. This would hold report cards, art projects, extra-curricular materials, SAT test scores, Quarterly Report Forms, and anything that you want to keep.

## 2.) Have a set place that your student uses for school work.

- a. Good lighting
- b. Solid Writing Surface
- c. Sturdy Seat that fits your student. Be sure their feet can set flat on the floor.
- d. A bulletin board within your student's view (to be used for Goal chart and Progress Chart)
- e. Ambiance that your student needs (quiet, music, white noise, colorful posters), whatever helps them focus.
- f. A separate location for the "Scoring Station" with a red pen for scoring.

## 3.) How to issue a PACE.

- a. Remove the final test from the center and place in 'Tests to Take' file.
- b. Write your students' name on the cover.
- c. Write the issuing date on the cover. **Reminder:** all PACEs should be completed within **three weeks** of being issued.
- d. Remove the Test Key from corresponding Score Key and place in **'Tests to Take'** file.
- e. Place the student Score Key at the Scoring Station.
- f. Hand PACE to child.

## 4.) How to use a PACE

- a. Students follow all instructions in blue – they tell the student what to do!
- b. Parents watch for yellow instructions they indicate required parental interaction.
- c. Work the PACE in pencil unless instructed otherwise.
- d. Parents should write in green ink
- e. Obey the score bars. You may require your student to seek permission for scoring and rescoring. Indicate permission received in green ink with your initial
  - i. Score PACE at the Scoring Station with the Score Key using a red pen.
  - ii. No pencils at the scoring station.
  - iii. Mark incorrect answers in your PACE with a red X.
  - iv. Return to desk and correct mistakes. No red pen at student desk.
  - v. Return to Scoring Station and rescore PACE and circle the X on correct answers.
  - vi. Repeat until all answers match the score key.
  - vii. Circle the page number when everything is completed.

# How to Set Up a Home Learning Center

- f. Have your student ask permission before taking Checkups and Self Tests.
- i. Check over student's work leading up to the Checkup or Self Test.
  - ii. Ask student a question or two from Checkup or Self Test.
  - iii. When you are satisfied that they understand the material write your initials on test.
  - iv. No looking back while taking Checkups or Self Tests.
- g. Turn in the PACE when completed and take the PACE Test the following school day.
  - i. Pray with student before issuing the PACE Test.
  - ii. Student may take as long as they need to complete test.
  - iii. Once test is turned in no answers can be changed.
- h. Parent scores the PACE Test with PACE Test Key.  
**Minimum score to proceed is 80%, less than 80% requires the PACE to be repeated.**
- i. Write final grade on cover of test.
- j. Record Result on Quarterly Report (**BCE Academy only, See section 6.**)

## 5.) Goal Charts

- a. Your student needs to set goals daily in each subject.
- b. Set goals in blue pen only. Goals may only be changed with parental permission.
- c. Cross off goals that are completed.
- d. Parent needs to look over students' goals to make sure they have done that day's work correctly.
- i. Mark the crossed off box with a green dot indicating the completed work has been inspected and is acceptable. (Don't Expect – Inspect, it reduces temptation)
- e. Use both sides of the goal chart before issuing a new one.
- f. Make sure student writes their name and date on goal chart.

## 6.) Quarterly Report (BCE Academy students only)

- a. Fill out ALL basic information on form (name, dates, address and ID number)
- b. Form is to be filled out by parent.
- c. Write down PACE numbers, final test scores, and date taken in the corresponding week on the Quarterly Report.
- d. Quarterly Report must be signed and returned along with the associated PACE Tests.

## 7.) When to order again:

- a. It is best to order before week 7 of your current quarter.
- b. Keep in mind that you do not want your student to be without work for several weeks till their material arrives.

## 8.) What to return to BCE Academy (BCE Academy only)

- a. All completed PACE Tests – this is a requirement!
- b. Score Keys that you have finished using and the corresponding PACE Test key placed **inside** the Score Key
- c. White copy of the Quarterly Report Form.
- i. It is important that you keep one copy of the Quarterly Report Form in event that it is damaged or lost in shipping.
- d. **Please return Score Keys no longer needed, Completed PACE Tests and Quarterly Report at the end of every quarter, even if you have purchased multiple quarters.**

## Vision – Beyond 20/20

As we labor to educate our children or the students that God has placed under our tutelage, we often feel frustrated that we don't seem to be accomplishing all we would like. Often the skill development we feel frustrated by is student reading and comprehension ability. The first few years of formal education emphasize the development of good reading skills; from then on, education becomes in large part reading to learn. Good reading skills are dependent on good vision.

Vision is a key element in learning. Eighty percent of learning is through the eye. By age 7, vision ought to be well developed for maximum learning success. It has been reported that 21% of the "normal" population have visual problems, and 71% of people with reading problems have visual problems. Sixty percent of students entering special programs have an eye problem; most are undetected. These statistics alone should drive us to consider vision as the prime potential area hindering a student's development of good reading and comprehension skills.

For the most part, good vision is rated by the relative accuracy of letter recognition in various sizes at a distance of 20 feet. Thus it is said that one has good vision (20/20) if they see accurately from 20 feet with each eye. Many eye doctors look at the eyes from this perspective of visual acuity and don't go much beyond. Sadly the visual difficulties of many children are not that of acuity only. We must look beyond acuity to visual development as a function of fine motor skill development and neurological integration when considering academic difficulties. Vision may be the most complex process of the human body in relation to the outside world. It requires both eyes properly receiving information and transmitting it to the brain. The muscle control of the eye is the most complex and precise muscular activity in the body. When both eyes don't work well in tandem, academic problems will occur. The problem may be double vision at various distances and circumstances, inaccurate tracking across the page while reading, neural transmission of storage information, visual acuity, or any combination of these and other factors.

Children don't know what proper vision is; they only know what they see. They have no standard against which to measure what they see because they may have

never seen the world any other way. This was my case, as a double vision problem was not recognized until well into my elementary school years. I was not having academic success, as I could not see properly to be able to move information from the printed page to my brain with ease or accuracy. This problem could have been recognized if someone was observing carefully and asking the right questions.

Over the years I have used a simple screening process to help determine if vision issues concerning muscle control may be a factor in reading difficulties. To begin a screening session, have the child sit directly in front of you, eye to eye. Have a pencil in hand with a large replacement type eraser of a bright color placed on it. The eraser will be the visual target. To screen for double vision, hold the pencil directly before the child at eye level at a distance of about two feet, and ask how many erasers they see. Next ask them to say "two" when they see two erasers, then begin to move the eraser closer towards the student with the bridge of their nose as your target point. During this process, students often report double vision at various points along the way. At each reporting I ask if they can put the image back together. By watching the eyes carefully, you may be able to see the point at which double vision occurs. Characteristically one eye will stop following or will just veer away from the target. Double vision should not be occurring beyond age 4.

To screen for tracking issues, begin as before, holding the target about two feet from the student, asking them to follow it with their eyes not their head. Move the eraser from right to left and back again a few times with a smooth motion, keeping it an equal distance from the student. Repeat this at various distances especially reading distance (about from elbow to hand). As you do this, watch the child's eyes, observing the eyes tracking of the target. Especially watch as you cross the centerline at the nose. It is at this point that the brain switches eyes as to which is controlling the team work that allows smooth tracking when reading across a line on a page or moving back to start a new line. The eyes should move smoothly in unison at all points. Many times the poor reader's eyes will seem to jump about trying to get back together and on track. This is very disruptive to reading and comprehension and indicates a need for help.

# Vision – Beyond 20/20

## *Check List to Indicate Possible Vision Problems:*

This list, drawn from various sources, gives common indicators that vision may be hindering academic progress. Read them and consider them carefully as you observe and question the student:

- Low reading comprehension
- Lose concentration when reading or doing close work, have a short attention span
- Vocalization while reading may be being employed to overcome vision-impaired comprehension; that being a need to hear as another path to the brain. If they recall well what is read to them but not what they read, vision may be the issue.
- If they do well in math and concept-based activities but poorly in reading comprehension-based subjects, vision may be the issue.
- Reports tired, sore or hurting eyes, rubbing of eyes, or excessive blinking when reading or doing close work
- Reports headaches when reading or doing close work
- Hard time staying on the line when writing; letter sizes or spacing varies greatly when writing
- Head tilted to one side or unusually up or down, covering or closing one eye
- Moving head rather than the eyes; this should stop by age 8 or grade 2
- Finger used to track words in sentence or as next line finder
- Loses place on a line, skips lines, repeats words, and confuses letters within a word while reading aloud or to self; which must be determined through careful observation and by asking the right questions.
- Holds reading materials close to their face
- Reports seeing double when reading or doing close work
- Report the words move, jump, swim, or float on the page when reading or doing close work
- Report the words blurring or coming in and out of focus when reading or doing close work
- Poor distance judgments, reaction time or targeting in sports
- Avoid reading or other close activities, or feel they read slowly
- Report a “pulling” feeling around their eyes when reading or doing close work
- Has an eye turning in or out

Ask all students to read aloud to you regularly; it will tell you much if you listen and watch carefully. Don't fail to consider the brain integration aspects relative to muscle control.

Using these two simple screenings and careful observation of the above indicators could reveal vision related issues. Parents will often say, “We just had him to the doctor and he gave him glasses.” Children often need more than glasses to correct vision problems. Vision problems include dysfunctions that cannot be effectively treated by glasses. These are best resolved through various types of vision therapy and perhaps even surgery, as with me. In my case surgery may have been avoided had present therapeutic approaches been known back then.

I have written this not as a professional in the area of vision but as a concerned teacher, home educator of 26 years, and as one who has and yet does struggle with vision and seeks to help those laboring with a frustrated student.

If, after reading this and trying the screenings and observations, you sense vision may be an issue with the child you are considering, please contact a professional. The Optometric Extension Program Foundation Inc. will help you find a Developmental Vision Specialist in your area. Call them at (949)250-8070, or find them on the web at [www.oepf.org](http://www.oepf.org). They have excellent flyers also; I like the one titled “Educator's Guide to Classroom Vision Problems” and I consider it a must-read for all teachers and parents. I have checked with the Optometric Extension Program Foundation; they will gladly send you a copy if you contact them. Another good web resource is <http://www.visionhelp.com/>. See articles under the topic ‘Vision and Learning Problems’.

When we are helping a child and feel lacking, remember the words from James 1:5 “If any of you lack wisdom, let him ask of God, that giveth to all men liberally, and upbraideth not; and it shall be given him.” God wants us to succeed in the tasks He has given us. Ask Him and He will enlighten and direct you.

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# The PACEs are permeated with Biblical truths.

Activities in English and Word Building often recount a Bible passage written in a manner to develop the English concept being taught while reinforcing Biblical truths. At other times, activities may reflect a story line focusing on the Biblical character trait.

Science is presented from a six day special creation perspective. Science is a study of God's creation from a Biblical perspective that does not place the two in conflict.

## A Weeks Work At a Glance

The **Three Units**, each covering a suggested one-week period, introduce new vocabulary and concepts as well as building upon and reviewing past concepts. In Science, Social Studies, and Word Building, a unit will begin with related vocabulary shown on a colored edge page. This is a good quick reference point for review with your student as vocabulary is key to understanding.

The first time a vocabulary word is used, it is defined and pronunciation shown. We suggest they be read aloud to assure proper pronunciation by the student. At lower levels, new vocabulary is underlined in color and often pronunciation shown again to aid student mastery.

Each unit has an associated **Checkup (unit quiz)** that reveals areas of strength and weakness, providing opportunity for praise as well as review and reinforcement. Content mastery is crucial each step of the way.

Read the word and its definition; then underline the sentence which...

molecule *mōl'ə-kūl'* (1) Molecule means...

morthball *mōth'bal* (2) M...

neutron *neū'trōn* (3) Neu...

nucleus *nūkl'əs* (4) Nucle...

orbis *or'bis* (5) Orb...

particle *pārt'ikul* (6) Partic...

photograph *fō'tō-grāf* (7) Photograph...

proton *prō'ton* (8) Proton means...

Read and fill in the blanks.

13 (thirteen)

II. Atoms

houses would be very small. However, an atom would still be smaller than one of those tiny bricks.

Once there was a man who wondered how things were made. He imagined that a piece of gold or any other element could be divided into very tiny pieces. Then he imagined the tiniest piece of an element that could exist and still be an element. He called this an atom. Atoms are the building blocks of all things. They are like the bricks used to build a house.

Atoms are so small that they cannot be seen with the eye alone. In fact, they cannot be seen even with a microscope. If one hundred houses were made small enough to fit on the head of a pin, the bricks in the

Here is an interesting fact about God and His Creation: Only God can create new atoms from nothing. Unless God creates new atoms, the number of atoms in the universe cannot increase. Whatever God created may be changed in the way it looks and acts, but new atoms cannot be created by man, neither can man destroy any atoms. Everything that God created in the beginning is still present, though it may appear different now.

Fill in the blanks with the correct answers.

(1) An atom is also called a \_\_\_\_\_.

(2) Atoms are so small they cannot be seen with the \_\_\_\_\_ alone.

(3) Atoms cannot be seen even with a \_\_\_\_\_.

(4) Only \_\_\_\_\_ can create new atoms from nothing.

(5) Unless God creates new atoms, \_\_\_\_\_.

(6) Whatever God created may be \_\_\_\_\_ in the way it looks and acts.

(7) New atoms cannot be \_\_\_\_\_ by \_\_\_\_\_.

(8) Can man destroy any atoms? \_\_\_\_\_ (yes or no)

Learn and write these spelling words.

death *dēth*

already *al'red'e*

ahead *a-hed'*

adult *a-dult'*

aloud *a-loud'*

Death means the end of life earth. Death comes to all men.

Already means before this!

Ahead means in the front.

Adult means someone or something grown.

Aloud means loud enough to be heard.

At the conclusion of the three units of a PACE, there is a **Self Test** that covers the materials that should have been mastered in the preceding three units. This **Self Test** helps the student discover their level of mastery before they turn in the PACE for the final PACE Test generally given the following day.

Checkup

Add.

$2 + 6 =$   $4 + 5 =$   $8 + 2 =$

Subtract. Take away.

$11 - 9 =$   $7 - 4 =$   $10 - 3 =$

Ace had 10 balls. He had 4 balls that were big. How many balls were little?

Christi had 14 apples. She had 6 red apples. How many apples were not red?

Fill in the blanks.

Ye younger, s u b m yourselves into the elder. I Peter 5:5

Score this page. Correct mistakes. Review.

The **PACE Test** is part of the PACE and is inserted in the middle of the PACE and **removed** before the PACE is given to the student.

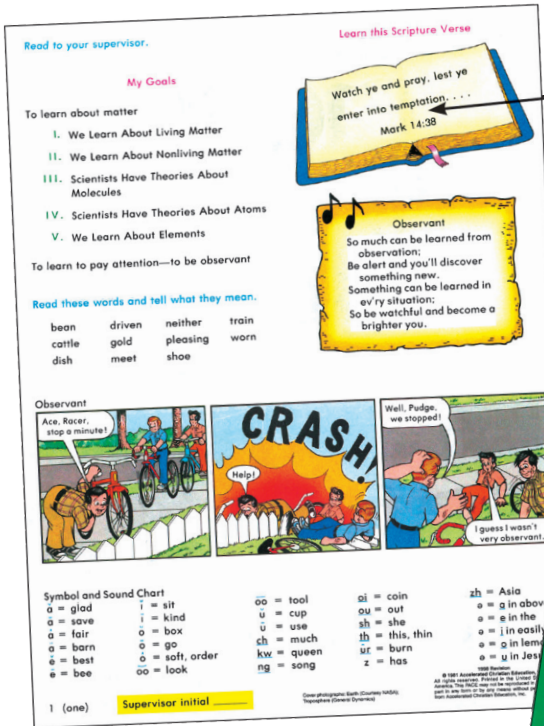
The **PACE Test** is held by the parent to be given to the student the day following their turning in of the completed and mastered PACE.

# Unique Features

## Biblical Character Emphasis

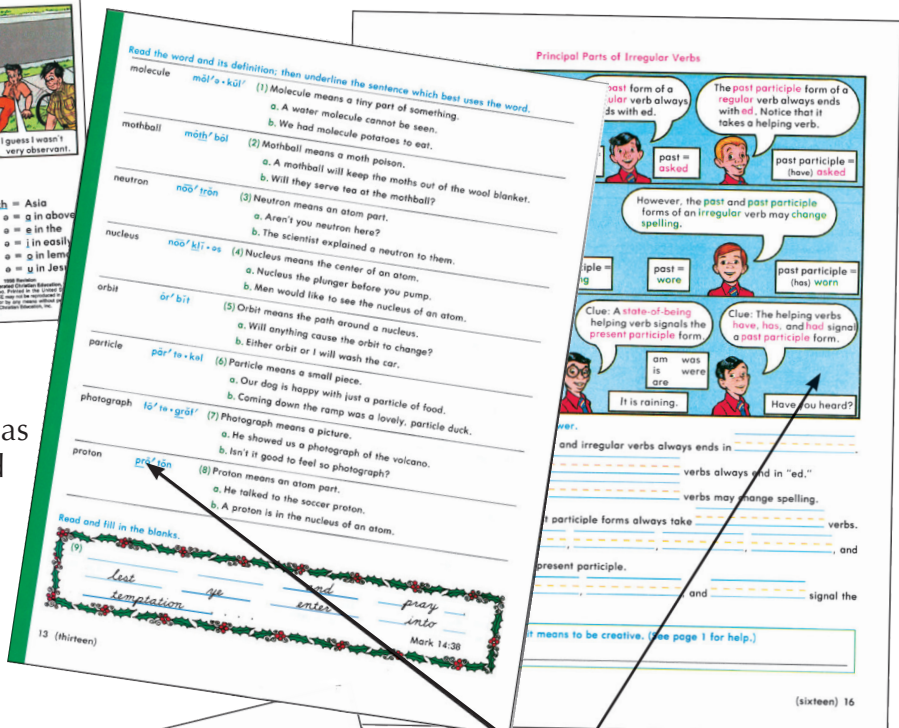
One of the unique features of our curriculum is its emphasis upon **CHARACTER BUILDING**.

It has been our goal from our inception not only to give children solid academics, but also knowledge of Biblical principles and precepts that will (1) lead them to a place of trusting Jesus Christ as personal Saviour and (2) inspire them to put the character qualities of Jesus Christ into practice in their lives. What is character? Character is a lifestyle.



## Self Instructional

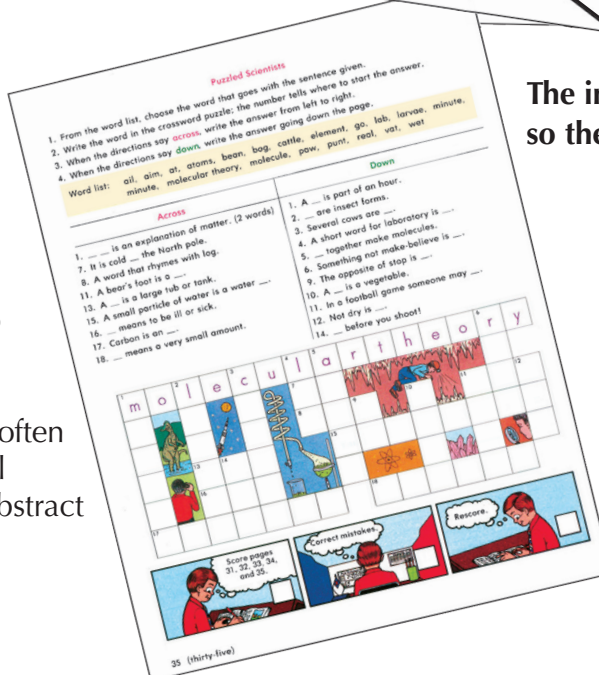
Instructional information is provided as concepts are introduced or expanded upon. The program is built on an expanding spiral adding additional complexity over the years. Related Vocabulary and concepts are supported across various subjects.



The instructions to students are blue, so the blue "tells (them) what to do."

## Consideration of Student's Progressive Cognitive Reasoning

Younger (generally up to 10 or 11 years) students reason in the concrete realm and need to connect ideas to the physical. Older students are more able to think in the abstract. Math presentations often include pictures and physical representations to show an abstract concept.



## Projects

Reasonably easy to accomplish projects to provoke thought and understanding are provided at various levels in both Science and Social Studies.

## Developmental Activities

Developmental activities help students develop thinking skills in an enjoyable format.

# Controlled Mastery Learning

Each step of the way through a PACE, students are to score their work as directed by score bar instructions. When a student scores their own work, they will have additional exposure to the information and concepts they are learning. While scoring, they will review what they have gotten correct and discover what they haven't learned adequately. When errors are found, the student should go back to the related instructional section for concept and informational review, then correct errors and rescore. This process should be repeated until all answers in a section are correct. Once a concept is mastered the student moves on.

At the end of a Unit, students should prepare for the Checkup. The student should look over the content of the Checkup to see if they recall the information required. If they find a need for review, they should go back through the unit and study. When they are adequately prepared, the student should ask permission to take the Checkup. The parent/ supervisor should review any missed items from the unit with the student, sending them back for more study as needed or taking time for instructional discussion. When convinced of the student's mastery, the parent/supervisor should give permission to do the Checkup by initialing the top of the page. Upon completing the Checkup, the student should score. Checkup errors should be corrected by going back into the unit for review and information. When all is correct and mastered, they may go on to the next unit.

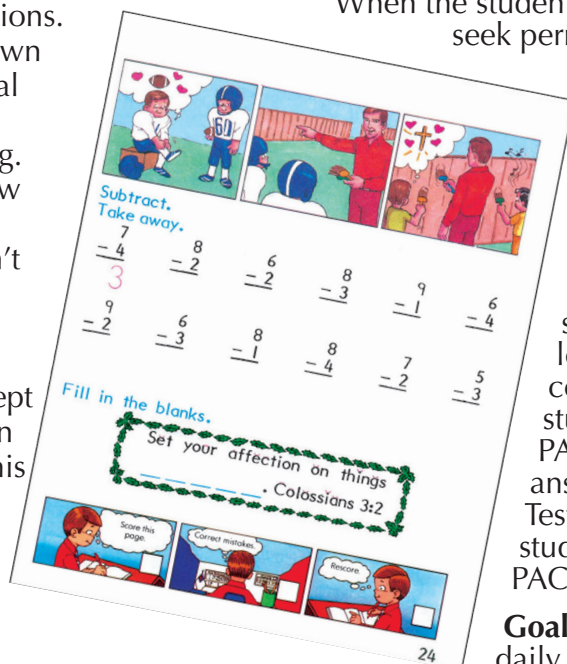
When all three units are completed, the student should prepare for the Self Test by reviewing the questions on the Self Test and then studying the preceding Checkups and other content as needed. When the student feels they are ready, they should seek permission from the parent /supervisor

who should determine the student's readiness to take the test. When the parent / supervisor feels the student is ready they should initial the Self Test allowing the student to take the test.

**Checkups and Self Tests** once signed should be taken without looking back into the PACE content. After initial scoring, the student should look back into the PACE content to find the correct answers for all Checkups and Self Test errors. It is helpful to have students cross reference test errors to PACE content.

**Goal Setting:** Students are taught to set daily goals on a **Goal Chart**. Students write the actual pages to be completed in each subject for the day in blue pen. This may be with or without parent/supervisor assistance depending on student's abilities. This gives both parent/supervisor and student a clear view of the day's work.

As the student completes their daily goal in a particular subject, they may place a diagonal line through its box. This indicates completion and the parent / supervisor should then inspect the completed work for the day.... Don't expect, inspect. If upon inspection, the parent /supervisor finds any error, the student should be spoken to about their honesty or attention while scoring. Every time a student scores, it is a test of their character. Have they been honest, attentive, and diligent? This inspection time also allows the parent/supervisor an opportunity to keep in touch with the student's daily mastery of materials. This is also a good time to notice what items the student had errors on and ask questions about that topic so the student can demonstrate they now understand. Instant remediation of troublesome skills or concepts prevents future learning gaps.



| GOAL CHART   |      |         |                |         |               |  |             |
|--|------|---------|----------------|---------|---------------|--|-------------|
| STUDENT _____  |      |         |                |         |               |  |             |
| Date: Wk. Beginning _____  |      |         |                |         |               |  |             |
| Tests to be completed this week: Math _____ English _____ Social Studies _____ Science _____ Word Building _____   |      |         |                |         |               |  |             |
|  | Math | English | Social Studies | Science | Word Building |  | Total Pages |
| Mon  |      |         |                |         |               |  |             |
| Tues   |      |         |                |         |               |  |             |
| Wed  |      |         |                |         |               |  |             |
| Thurs  |      |         |                |         |               |  |             |
| Fri  |      |         |                |         |               |  |             |
| GOALS: B _____ C _____ E _____ BOOK REPORT: Oral _____ Written _____ BIBLE MEMORY _____  |      |         |                |         |               |  |             |
| For demonstrating responsibility, check your schedule first thing each morning and mark off pages as completed. As you complete each subject, enter new goals for the day. |      |         |                |         |               |  |             |



### Progress Chart:

The **Progress Chart** provides a graphic illustration of your student's academic progress. The Chart is broken into four quarters and each quarter into nine weeks. Each time a **PACE Test** is successfully completed with a score of 80% or better, a star is placed on the chart on the subject line in the corresponding quarter and week. Through the chart, you have a clear picture of overall progress at a glance.

### Progress Schedule and Motivational Privilege:

To help students stay on track to complete their work in a timely manner, a weekly schedule of progress is helpful. You may also allow students certain privileges in relation to their academic progress. On the Privilege Chart, a suggested level of progress is shown. Every three weeks, one PACE in each subject should be completed for balanced progress. The privilege levels shown as B, C, and E with associated weekly completed stars (PACES) may be thought of as follows:

**"B" Privilege** being the minimum amount of work to complete a year's work in a year's time.

**"C" Privilege** being progress above the minimum yearly expectation.

**"E" Privilege** represents the same PACE progress above the minimum yearly expectation as in "C" Privilege and any extra curricular activities as the parent may require.

Through the use of the **Goal Chart**, **Progress Chart**, and Privilege Levels parents find that the student will learn to take personal responsibility for their learning. Short-term daily goals lead to weekly goals which build to longer-term quarterly and annual goals.

**Goal setting builds character for life.**  
**Privilege Based on the Five Core Subjects:**

- Math • English • Social Studies
- Science • Word Building

| Week # | Privilege Level |    |    |
|--------|-----------------|----|----|
|        | Stars per week  |    |    |
|        | B               | C  | E  |
| 1      | 1               | 2  | 2  |
| 2      | 3               | 4  | 4  |
| 3      | 5               | 6  | 6  |
| 4      | 6               | 8  | 8  |
| 5      | 8               | 10 | 10 |
| 6      | 10              | 12 | 12 |
| 7      | 11              | 14 | 14 |
| 8      | 13              | 16 | 16 |
| 9      | 15              | 18 | 18 |

"And thou shalt teach them diligently unto thy children, and shalt talk of them when thou sittest in thine house, and when thou walkest by the way, and when thou liest down, and when thou risest up."

*Deuteronomy 6:7*



# Basic Christian Education LTD

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